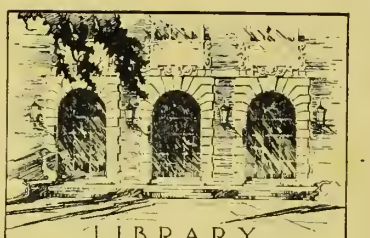

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CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

JANUARY, 1920

BY
RICHARD H. SULLIVAN
METEOROLOGIST

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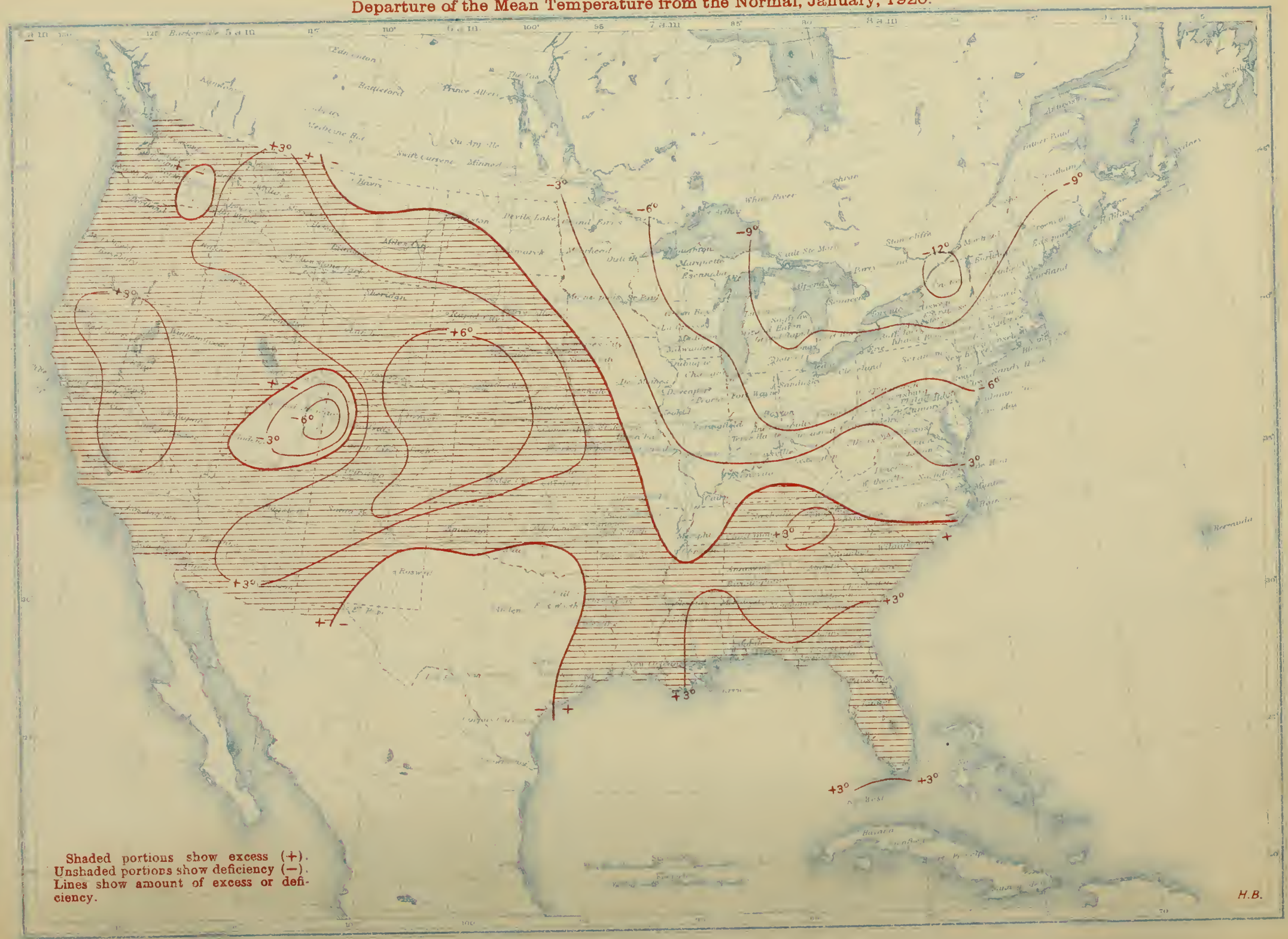
WEATHER BUREAU OFFICE
COLUMBIA, S. C.
February 26, 1920

Departure of the Mean Temperature from the Normal, January, 1920.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., JANUARY, 1920 No. 1.

GENERAL SUMMARY.

January was somewhat warmer than usual, on the whole, but was marked by a cold period between the 2d and 6th, when the daily mean temperatures averaged 5° to 22° below normal, and also a heat wave between the 19th and 24th, when the daily means averaged 5° to 18° above normal. Precipitation averaged slightly above normal, but was badly distributed, with plentiful rains up-State and drought on the coastal plain until the 25th.

Wheat, oats, and rye maintained generally satisfactory condition throughout the month, with no material damage from cold; but cabbage, collards, and turnips in the trucking regions were largely killed by the freezes of the first week. Planting of peas, lettuce, and cabbage began with the moderate temperatures about the middle of the month. Plowing progressed rather slowly on account of wet soil up-State and unsatisfactory cultivating conditions on the coastal plain. Increased acreages of tobacco and peanuts were in preparation in the southern counties incident to the prospective spread of the boll weevil during the coming season.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.22 inches. The highest pressure in the region covered by reports was 30.68 inches at Asheville, N. C., on the 5th, and in the Section proper, 30.61 inches at Columbia on the same date and at Greenville on the 31st; the lowest pressure was 29.62 inches at Wilmington, N. C., on the 16th, and in the Section proper, 29.64 inches at Greenville on the 17th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 44 stations, was 46.2°, or 0.7° above the established normal. The highest temperature was 85° at Georgetown, Georgetown County, on the 9th. The warmest periods were on the 8th and 9th and generally between the 19th and 24th. The lowest temperature was 6° above zero at Walhalla, Oconee County, on the 5th. The coldest periods were between the 2d and 6th and on the 26th and 27th.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 62%; 8 p. m., 70%. The highest percentages occurred over the middle Savannah watershed and the central coast district, and the lowest, over the north-central counties.

PRECIPITATION.

The average for the Section, 58 stations reporting, was 3.66 inches, or 0.22 inch above the established normal. Precipitation was badly distributed and was confined practically to three periods. The amounts were above normal over the Piedmont Counties, where the measurements ranged from 4 to 8 inches, and practical drought continued over the coastal plain until the rains of the latter part of the month, with total monthly amounts ranging from 3 inches downward to 1 inch in northern Georgetown County. The greatest local monthly amount was 8.00 inches at Winthrop College, Rock Hill, York County, and the least local monthly amount was 1.00 inch at Oaks, Georgetown County. The greatest amount during any 24 hours was 3.00 inches at Liberty, Pickens County, on the 24th, and at Winthrop College, Rock Hill, York County, on the 26th. The average number of rainy days was 12% below normal.

Snowfall of Trace to 5.0 inches occurred in the northern tier of counties on the 4th, 6th, 7th, 26th, and 28th, and a sleet and ice storm prevailed over the northern half of the Section on the 25th and 26th.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 8 anemometer records, was 9.2 miles. The highest average velocity was 13.6 miles per hour at Savannah, Ga., and in the Section proper, 11.7 miles per hour at Charleston; the lowest average was 6.4 miles per hour at Charlotte, N. C., and in the Section proper, 8.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 44 miles per hour from the west at Savannah, Ga., on the 17th, and in the Section proper, 43 miles per hour at Greenville from the west on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 161.9 hours, or 52% of the possible amount. The average number of clear days was 12; partly cloudy, 7, and cloudy, 12, as against normals of 13, 7, and 11 days, respectively.

RIVER CONDITIONS.

Persistently copious to heavy rains over the northwestern counties between the 25th and 27th were followed by moderate freshet conditions in the Savannah, lower Saluda, lower Broad, Congaree, and Santee Rivers, the Santee River being in flood at the close of the month. The losses were confined to the Santee System and approximated $825, and the value of movable property saved by timely warnings was estimated at $16,000.

MISCELLANEOUS PHENOMENA (dates).

Halos (lunar.)—Charleston, 28, 30; Columbia, 1, 2, 28, 29, 30; Liberty, 28, 29; Little Mountain, 28, 29; Walhalla, 29; Winnsboro, 29. *Solar:* Columbia, 21, 22, 28, 29, 30, 31; Greenville, 28; Winnsboro, 30.

Thunderstorms.—Columbia, 24; Santuck, 24; Trenton, 25; Winnsboro, 24.

Fog, dense.—Chappells, 8; Charleston, 23, 24, 30; Columbia, 8; Darlington, 24, 25, 26, 27; Edisto, 23; Florence No. 2, 20, 21, 22, 23; Gaston Shoals, 28; Georgetown, 23, 24; Greenville, 8, 20, 23, 24; Kingstree, 23; Liberty, 7, 8, 24; Newberry, 23; Paris Island, 23, 24, 25, 26, 27; Rimini, 4, 8; Walhalla, 20, 22, 24.

MISCELLANEOUS DATA FOR JANUARY, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.23	38.4	67	4	1.90	0.68	9.2	nw.	79	61	70	45
Augusta, Ga.....	30.22	48.3	78	15	4.30	1.51	6.9	nw	82	65	71	51
Charleston, S. C...	30.20	51.0	76	18	1.60	1.10	11.7	sw.	80	61	78	55
Charlotte, N. C ...	30.21	39.8	68	10	3.81	1.58	6.4	ne.	79	62	63	45
Columbia, S. C....	30.25	45.8	75	13	3.18	1.14	8.1	n.	81	59	72	50
Greenville, S. C...	30.19	41.4	64	12	5.83	1.88	9.3	ne.	79	65	68	48
Savannah, Ga.....	30.21	53.0	77	17	2.14	1.60	13.6	ne.	80	57	70	67
Wilmington, N. C.	30.22	46.7	73	13	1.10	0.46	8.0	sw.	76	62	69	51
Means and extremes	30.22	48.9	78	4	2.98	1.88	9.2	ne.	80	62	70	52

Climatological Data for January, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Allendale	Allendale	186	39	48.8	+1.1	78	†24	14	5	42	2.29	−0.69	1.10	0	8	8	18	5	n.	R. B. Vance.
Blackville	Barnwell	296	37	48.1	+1.0	79	23	13	5	40	2.21	−0.73	1.00	0	6	19	3	9	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	49.2	+1.2	79	23	10	5	43	1.44	−1.68	0.77	0	8	18	1	12	ne.	B. O. Evans.
Charleston	Charleston	48	49	51.0	+1.7	76	22	18	5	24	1.60	−1.85	1.10	0	8	10	7	14	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	43.6	+0.2	72	† 1	9	† 5	44	3.30	+0.48	1.55	0	4	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	48.6	+0.5	79	24	10	6	50	1.05	−2.36	0.42	0	5	8	0	23	sw.	Paul Quattlebaum.
Darlington	Darlington	175	25	43.6	−2.0	77	24	9	† 5	48	3.49	−0.99	1.18	0	8	21	0	10	.....	D. C. McCall.
Edisto ††	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	2.57	−0.50	1.42	0	6	.....	.....	.....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	1.98	−1.42	0.88	0	5	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	46.8	−0.5	78	24	11	5	52	2.28	−1.06	1.22	0	6	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	39	46.3	+1.3	78	24	11	5	42	1.72	−1.02	0.79	0	6	10	8	13	ne.	H. K. Gilbert.
Florence 2	....do	136	5	.....	.....	.....	.....	.....	.....	.....	2.05	−0.91	1.27	0	5	17	8	6	nw	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	51.6	.....	81	23	13	6	52	2.92	.....	1.48	0	9	7	13	11	sw.	Maner B. Robert.
Georgetown	Georgetown	12	28	52.4	+4.0	85	9	13	5	58	1.75	−1.60	0.35	0	8	18	11	2	n.	A. P. Hazard.
Kingstree	Williamsburg	54	39	49.6	+2.1	80	22	11	6	42	2.01	−0.96	0.70	0	5	15	0	16	n.	W. H. Matthews.
Oaks	Georgetown	.....	5	.....	.....	68	15	10	6	.....	1.00	.....	0.50	0	4	.....	.....	.....	.....	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	48.0	.....	78	†22	13	† 4	45	2.02	.....	0.60	0	7	8	9	14	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	.....	.....	.....	.....	.....	.....	.....	.....	2.09	.....	0.82	0	5	9	14	8	ne.	State A. and M. College.
Paris Island	Beaufort	13	36	53.4	+3.0	78	25	16	5	51	1.38	−1.48	1.05	0	5	15	1	15	ne.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	48.3	+1.0	76	9	15	† 5	.....	2.58	−0.52	1.45	0	4	22	2	7	sw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	2.62	.....	0.90	0	8	.....	.....	.....	.....	William B. Wolfe.
St. George	Dorchester	109	39	.....	.....	81	23	.....	.....	.....	2.11	−0.56	0.58	0	6	25	0	6	ne.	Miss Alma T. Whiteside.
St. Matthews	Calhoun	62	39	.....	.....	71	25	11	5	.....	2.63	−0.43	1.01	0	6	18	11	2	n.	Miss Frances M. Antley.
Society Hill	Darlington	192	30	43.0	−0.9	72	† 1	9	† 5	43	2.74	−0.17	0.94	0	9	15	4	12	sw.	A. H. Rogers.
Summerville	Dorchester	75	23	50.6	+1.6	80	24	12	6	52	1.60	−1.50	0.78	0	6	2	22	7	sw.	Miss E. H. Gadsden.
Walterboro	Colleton	69	18	[f]49.0	−2.1	[f]84	20	[f]11	6	[f]44	1.85	−1.07	0.90	0	3	..	.....	.....	.....	J. N. Frank.
Yemassee	Hampton	24	32	50.7	+2.8	81	22	12	6	54	2.72	−0.07	2.10	0	3	19	0	12	nw.	W. C. Hutson.
Division means and	extremes	.....	....	48.6	+1.3	85	9	9	† 5	52	2.15	−0.83	2.10	0	6	13	8	10	sw.	
Western Portion.																				
Aiken	Aiken	527	59	49.0	+3.1	77	23	12	5	42	4.10	+0.50	1.13	0	8	18	1	12	ne.	Frank B. McCoy.
Anderson	Anderson	764	25	[f]43.2	−1.5	[f]65	† 1	[a]11	5	[f]40	5.14	+1.39	1.13	0	10	15	0	16	e.	H. H. Russell.
Batesburg	Lexington	656	37	45.2	−0.2	72	†23	10	5	39	4.29	+1.04	1.17	0	8	13	5	13	n	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	4.90	+1.79	1.82	0	11	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	43.1	.....	72	24	9	5	50	5.66	+2.31	1.52	0	10	10	8	13	e.	L. M. Parker.
Camden	Kershaw	222	73	45.8	−0.4	70	21	18	5	42	4.59	+1.20	1.63	0	8	8	8	5	ne.	W. C. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	3.75	+0.55	1.15	0	10	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	6.23	+3.38	2.00	0	9	.....	.....	.....	.....	J. J. Murran.
Clemson College	Oconee	850	29	43.8	+1.5	69	21	9	5	32	6.84	+2.29	1.75	0	11	15	3	13	se.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	45.8	+0.7	75	24	13	5	29	3.18	−0.11	1.14	0	9	8	12	11	n.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	5.30	.....	1.80	0	8	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	3.45	−0.39	0.98	T.	11	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	41.4	+0.7	64	9	12	5	31	5.83	+1.58	1.88	0.5	12	12	4	15	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	42.7	−0.1	72	25	10	† 5	44	5.15	+1.56	1.41	0	8	12	0	19	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	[j]46.4	+3.3	[j]70	24	9	5	[j]41	4.95	+1.70	2.50	T.	5	9	10	12	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	4.49	.....	73	24	10	5	43	4 71	.....	2.25	0	8	15	2	14	w.	John W. Hamel.
Landrum	Spartanburg	1063	5	42.2	.....	66	9	10	6	42	5.53	.....	2.03	2.7	11	17	2	12	.....	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	[b]41.8	.....	[b]70	†22	[a] 7	5	[b]47	3.25	.....	1.18	0	5	15	0	16	.....	Perry A. Simpson.
Liberty	Pickens	900	21	43.4	+0.6	66	21	8	5	40	5.95	+1.68	3.00	1.5	11	12	9	10	sw.	John T. Boggs.
Little Mountain	Newberry	711	28	45.4	+0.1	75	24	10	5	38	4.50	+1.44	1.70	0	6	16	4	11	w.	J. M. Sease, M. D.
Meriwether	McCormick	450	18	[a]48.0	+1.4	[a]79	24	[a]12	5	[a]40	4 46	+1.52	1.90	0	5	8	7	16	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	47.3	−0.6	76	24	12	† 5	40	3.87	+0.63	0.94	0	11	7	15	9	ne.	Joseph M. Johnson.
Newberry	Newberry	502	17	45.2	+0.4	78	24	10	5	47	5.38	+1.93	1.80	0	10	6	13	12	sw.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	5.12	+1.38	1.20	0	11	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	45.4	0.0	77	24	11	5	43	5.21	+1.88	0.95	0	11	13	6	12	n.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	42.0	−1.0	72	24	8	5	38	4.40	+0.94	1.10	1.5	9	9	10	12	ne.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	41.6	+0.1	67	1	8	5	42	4.63	+1.47	1.10	5.0	10	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	28	45.6	−0 8	76	24	13	5	46	4.63	+1.47	1.08	0	7	7	16	8	ne.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	42.8	+0.8	65	20	6	5	37	6.91	+2.72	1.48	1.0	13	13	5	13	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	[a]42.9	−0.7	[a]75	24	8	5	[a]41	4.62	+1.34	1.17	0	9	10	7	14	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	21	42.7	−0.8	71	24	7	5	45	8.00	+4.98	3.00	0	7	12	8	11	n.	W. P. Goodman.
Division means and	extremes	.....	....	44.4	+0.3	79	24	6	5	50	4.98	+0.19	3.00	0.4	9	12	7	12	ne.	
Section means and	extremes	.....	....	46.2	+0.7	85	9	6	5	52	3.66	+0.22	3.00	0.2	7	12	7	12	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡ Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for January, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah	.05	T.					.15	.03						.05		.03	.78							T.		.10	T.	1.10				2.29
Blackville ||||	Edisto							.25									.20	1.00									.10		.50	.16			2.21
Bowman	do						.10									.08	.77						T.	.05	.08	.02	.28	.06				1.44
Charleston ***	Coast	.07						T.	T.	T.	.18			T.			.11	.08								.05	.01	.41	.69				1.60
Cheraw ||||	Pee Dee								.18								T.	1.41								1.55		.16					3.30
Conway ||||	Waccamaw		T.					T.	.04	.04							.09	.46					T			T.		.42	T.				1.05
Darlington ||||	Pee Dee							.10	.10								T.	1.18								.18	.35	.10	.48	1.00			3.49
Edisto ||||	Edisto	.13						.06	.10								.05	.81											1.42				2.57
Effingham ||||	Lynches								.05								.08	.82									.41	T.	.62				1.98
Ferguson ||||	Santee	.04	.28						.12									.60									.02		1.22				2.28
Florence 1 ||||	Pee Dee		T.					T.	.05								.15	.79						T.			.36	.04	.33				1.72
Florence 2 ||||	do																	1.27								.10	.10	.24	.34				2.05
Garnett	Savannah	.27						.01			.18		T.	.01	T.		.01	.40								.01		.55	1.48				2.92
Georgetown	Coast	.35						.15	.15	.15							.30	.35									.15		.15				1.75
Kingstree ||||	Black	.09	.55						.12									.70											.55				2.01
Oaks	do	.40						.05																			.05	.50					1.00
Orangeburg 1	Edisto	.03						.21									.25	.58			T.						.04	.31	.60				2.02
Orangeburg 2	do	.53						.20									.26									.28		.82					2.09
Paris Island	Coast	.01							.01		.01						.30												1.05				1.38
Pinopolis	Cooper	.07						.05									1.45												1.01				2.58
Rimini ||||	Santee		.18					.06	.23								.07	.85								.28	.05	.90					2.62
St. George ||||	Edisto	.11						.11									.13	.58										.25	.93				2.11
St. Matthews ||||	Santee	.02							.21	.19								1.01								.90	.30						2.63
Society Hill ||||	do								.25		.14							.94						.01	.02	.33	.40	.09	.56				2.74
Summerville	Ashley	.15						.04	T.		.09			T.	T.		.13	.41											.78				1.60
Walterboro	Ashepoo								T.					T.			.30											.65	.90				1.85
Yemassee ||||	do	T.	.21						T.	T.	T.							.41										T.	2.10				2.72
Western Portion.																																	
Aiken	Edisto							.39		.09							.61	.63							1.13	.43	.61	.21					4.10
Anderson	Savannah	T.						.58		.46							.50	.13						.05	.84	.90	1.13	.50	.05					5.14
Batesburg ||||	Edisto								.34	.22							.11	1.17								1.11	.37	.61	.36					4.29
Blairs ||||	Broad							.04	.25	.13	.03						.20	.47							.04	1.26	1.82	.14	.52					4.90
Calhoun Falls ||||	Savannah							.04	.71	.21	.03						.07	.81							T.	.75	1.52	1.06	.46					5.66
Camden ||||	Wateree								.20		.37						.37	1.63								.80	.55	.31	.36					4.59
Catawba ||||	Catawba		.05					.02	.50								.20	.68						.01	.01	1.03	1.15	.10						3.75
Chappells ||||	Saluda							.10	.48	.10							.15	.73								2.00	1.80	.30	.57					6.23
Clemson College	Savannah	.15						.61	.23	.26							.85				.20			.05	1.27	1.40	*	1.75	.07					6.84
Columbia ***	Congaree						T.	.23		.11							.88							.02	.40	.78	.02	.72	.02					3.18
Edgefield ||||	Savannah							.05	.40								.40	1.15								.80	1.80	.15	.55					5.30
Gaston Shoals ||||	Broad					T.		.04	.22	.08							.12	.58				.18			.34	.32	.98	.37	.22					3.45
Greenville ***	Saluda	.04					T.	.71	.03	.15							.80				.14			.43	1.00	1.27	1.10	.11	.05					5.83
Greenwood ||||	do							.58		.14							.41	.99								.79	1.41	.44	.42					5.15
Heath Spring	Wateree				T.			.30		.12							.73								2.50		1.30						4.95
Kershaw ||||	Lynches							.33		.22							.47	.36								2.25	.32	.72	.04					4.71
Landrum	Broad							.80		.62							.43	.22				.44		.14	2.03	.46	.22	.09	.08					5.53
Laurens ||||	Saluda								.65	.11								.63							.68	*	*	1.18						3.25
Liberty	Savannah	.02			T.		T.	.12	.02	.85								.95				.04		.30	3.00	.40	.15	.10						5.95
Little Mountain	Saluda							.20		.35							.20	.70								1.70		1.35						4.50
Meriwether	Savannah							.65									.41								.10	1.90	1.40							4.46
Monetta	Edisto	.06						.34	.03	.12				T.			.48	.65						.02		.94	.71	.42	.10					3.87
Newberry	Saluda							.10	.18	.25							.70	.20							.40	1.80	1.10	.20	.45					5.38
Pelzer ||||	do	.12						.10	.70	.18	T.						.14	.56							.40	.82	1.20	.70	.20					5.12
Saluda	do							.45	.13	.31							.55	.45							.90	.60	.67	.95	.20					5.21
Santuck	Broad	T.						.36	.09	.06							.60	.19					T.		.90	.82	1.00	.38						4.40
Spartanburg ||||	do	.14							.50								.15	.67				.10			.58	.64	1.10	.50	.25					4.63
Trenton	Edisto	.20					T.	T.		.10							1.08	.77								.99	.79	.70						4.63
Walhalla	Savannah	.11						.70	.20	.60							1.03				T.	.15	.02	.20	1.48	.85	1.48	.04	.05					6.91
Winnsboro	Broad								.25	.02	.10						.10	.88							1.17	1.00	.05	1.05					4.62
Winthrop College	Catawba							.40	.25								.75								.75	.85	3.00	2.00					8.00

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	40.1	73	5	2.80	8				
1888	46.2	76	15	2.94	10				nw.
1889	44.9	78	15	5.81	10				ne.
1890	54.1	81	17	1.16	6				sw.
1891	46.2	75	21	3.56					w
1892	42.7	72	16	6.75					nw.
1893	38.0	71	3	2.52	6				
1894	47.9	77	19	3.15	10	10	9	12	ne.
1895	44.2	80	5	7.31	13	9	9	13	sw.
1896	43.8	72	9	3.02	6	12	10	9	ne.
1897	42.2	76	3	2.29	7	13	8	10	nw.
1898	49.2	82	8	1.80	6	12	10	9	sw.
1899	44.4	78	17	4.72	11	10	7	14	n.
1900	44.0	75	3	2.43	8	16	6	9	nw.
1901	45.1	81	18	3.55	9	14	7	10	nw.
1902	42.4	80	11	2.05	5	15	7	9	sw.
1903	43.7	77	13	3.85	11	10	6	15	w.
1904	40.2	74	8	2.97	8	15	5	11	n.
1905	41.4	77	8	2.00	7	15	6	10	w.
1906	47.0	83	12	5.85	11	12	4	15	ne.
1907	53.4	89	18	0.71	4	15	9	7	sw.
1908	44.2	76	17	4.86	9	13	8	10	w.
1909	49.6	83	9	1.54	5	12	9	10	ne.
1910	45.5	80	11	2.98	7	14	10	7	w.
1911	49.8	82	16	1.58	5	14	8	9	sw.
1912	40.2	79	6	4.92	9	13	4	14	w.
1913	53.8	82	23	3.21	8	10	6	15	sw.
1914	46.7	81	18	2.66	5	16	9	6	w.
1915	45.1	74	19	6.31	9	12	6	13	ne.
1916	52.3	81	10	1.76	9	10	9	12	ne.
1917	49.7	79	9	3.74	12	10	7	14	sw.
1918	37.3	82	−2	4.45	10	13	6	12	w.
1919	47.1	80	8	4.15	7	19	5	7	ne.
1920	46.2	85	6	3.66	7	12	7	12	ne.
Period	45.5	89	−2	3.44	8	13	7	11	ne.

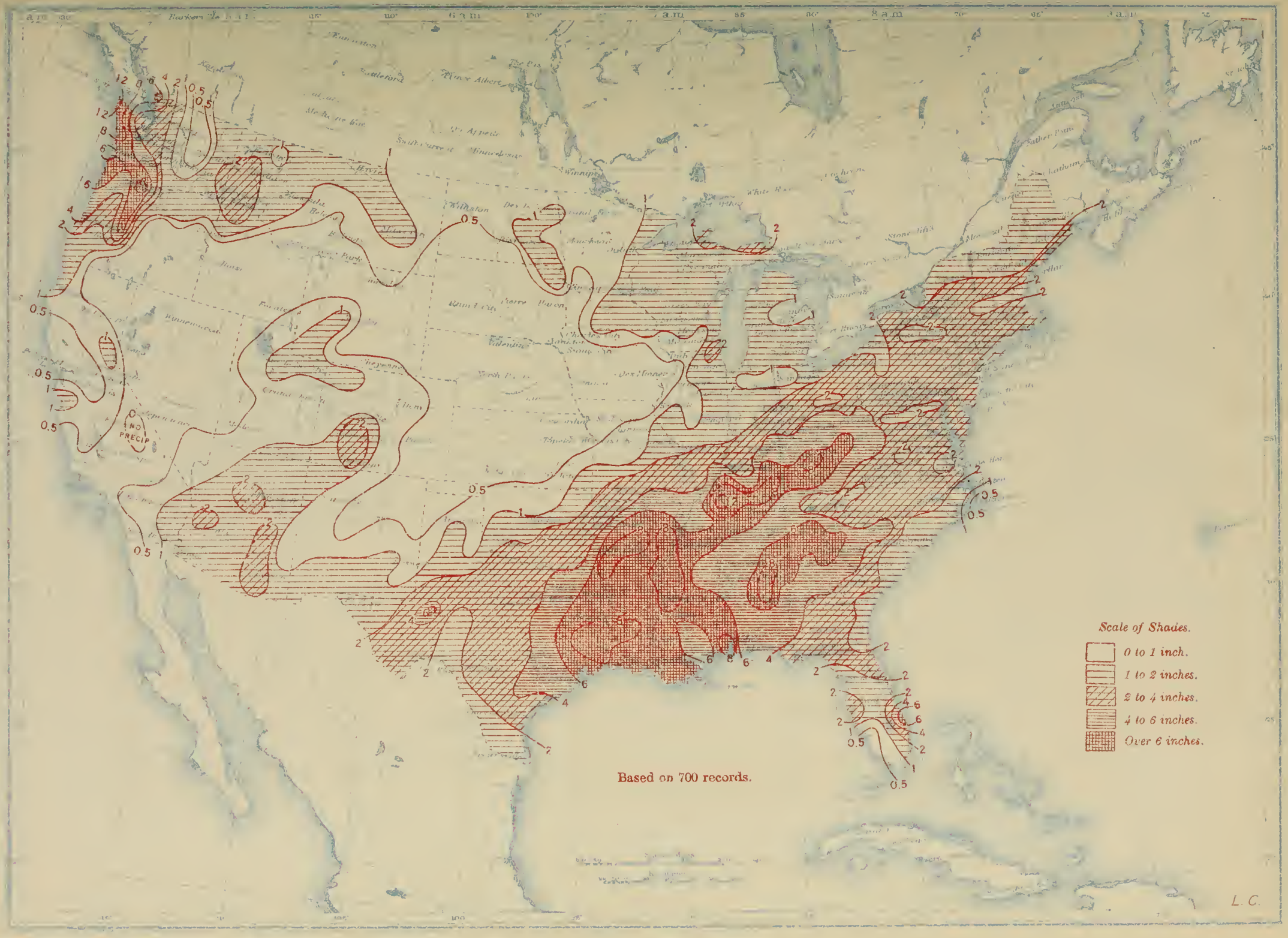
Daily Temperatures for January, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	69	68	52	44	41	35	42	50	71	72	54	60	55	60	60	64	61	60	54	69	76	76	77	78	78	50	38	46	60	52	61	59.1
	Minimum	35	32	26	29	14	16	26	40	45	38	33	39	43	37	37	42	49	33	37	50	53	51	53	59	48	31	32	37	45	40	41	38.4
Blackville	Maximum	70	50	50	40	40	36	50	65	69	65	64	66	66	60	63	60	57	52	67	76	77	77	79	78	48	48	50	60	61	63	60	60.2
	Minimum	40	30	24	20	13	14	23	30	49	38	40	45	48	33	33	33	32	30	34	49	52	51	50	51	32	30	37	41	40	39	36	36.0
Bowman	Maximum	70	67	45	35	40	50	65	70	70	60	68	65	59	65	66	62	55	60	70	74	76	78	79	65	40	36	42	48	50	60	42	59.1
	Minimum	63	40	35	29	10	20	30	40	41	45	48	54	49	45	55	45	45	46	32	33	47	46	50	36	34	28	34	32	35	40	35	39.4
Charleston	Maximum	60	56	40	41	34	43	66	70	69	61	58	52	63	60	64	63	64	54	64	72	75	76	64	74	64	42	47	58	49	59	61	58.8
	Minimum	56	39	30	26	18	25	43	51	57	42	41	46	44	43	40	51	47	37	43	50	54	55	54	61	42	36	36	47	42	43	38	43.1
Cheraw	Maximum	72	49	38	33	35	41	42	68	69	53	50	60	60	56	63	53	59	60	62	70	71	52	57	72	38	38	58	63	50	63	52	55.1
	Minimum	38	28	19	22	9	9	29	38	56	39	24	31	29	30	27	45	39	25	27	48	40	48	32	42	38	28	30	32	30	27	35	32.1
Conway	Maximum	68	68	48	33	35	41	60	69	75	72	57	57	61	60	60	58	63	55	67	75	77	71	72	79	65	40	47	60	55	67	62	60.5
	Minimum	57	34	23	21	12	10	29	44	58	44	28	34	32	37	25	36	52	26	30	44	52	46	48	55	39	32	34	44	34	32	44	36.6
Darlington §§	Maximum	73	50	39	32	37	39	....	70	69	53	54	59	....	....	67	54	62	50	61	73	71	60	64	77	40	33	44	62	49	65	53	[c]55.7
	Minimum	25	29	20	18	9	9	20	.....	....	40	26	33	35	....	27	34	47	27	30	39	51	51	40	41	40	29	30	30	33	29	39	[c]31.5
Ferguson §§	Maximum	70	52	38	34	34	42	70	72	72	64	58	55	58	58	61	57	51	60	68	73	72	75	75	78	52	40	46	58	49	59	60	58.4
	Minimum	30	35	26	21	13	11	14	39	48	41	34	29	38	32	24	35	47	27	36	45	48	50	52	53	42	31	32	40	34	38	38	35.1
Florence 1	Maximum	71	52	42	31	34	41	52	69	69	54	55	61	60	58	66	55	63	52	62	75	78	62	64	78	42	34	43	60	51	65	54	56.4
	Minimum	44	32	22	21	11	13	31	39	58	41	29	35	37	34	28	46	49	29	33	46	52	54	41	55	40	29	30	37	33	32	40	36.2
Garnett	Maximum	66	65	48	45	37	45	65	73	78	72	61	56	59	61	65	71	63	58	72	78	78	79	81	78	72	44	44	60	57	64	69	63.4
	Minimum	56	33	26	23	15	13	38	48	56	39	31	44	42	34	29	46	50	32	36	48	46	47	58	58	44	33	34	43	45	41	50	39.9
Georgetown	Maximum	68	53	41	42	35	43	64	78	85	63	65	58	62	58	64	60	65	55	70	78	78	80	72	73	58	48	48	60	50	65	60	61.3
	Minimum	40	36	24	19	13	15	20	41	50	45	31	39	39	38	28	28	40	30	33	40	53	51	50	52	43	32	35	42	42	45	52	43.4
Kingstree	Maximum	68	66	47	35	32	39	49	71	74	71	60	55	61	63	61	58	60	55	66	73	75	80	74	78	75	40	45	60	58	60	56	60.2
	Minimum	56	35	24	19	13	11	34	44	59	43	29	40	37	39	27	47	50	29	32	53	55	55	50	62	39	31	33	42	35	37	47	38.9
Oaks	Maximum	....	....	....	38	37	43	....	....	....	....	....	....	....	....	68	....	....	....	....	....	....	....	....	....	....	64	40	57	63	55	65	65	.....
	Minimum	....	....	19	18	13	10	....	....	....	....	....	....	....	....	25	....	....	....	....	....	....	....	....	....	40	31	31	45	40	....	....	....
Orangeburg 1	Maximum	72	63	46	38	41	41	50	72	70	67	58	58	59	58	58	56	60	54	67	76	75	78	77	78	72	40	43	61	59	60	57	60.1
	Minimum	59	33	29	13	13	13	35	35	54	30	30	30	39	35	28	28	48	31	31	48	37	49	48	58	39	30	32	41	38	39	39	35.9
Paris Island §§	Maximum	67	52	53	45	67	56	70	73	72	52	59	60	62	64	65	65	66	64	72	74	76	77	76	74	78	63	54	54	55	61	63	64.2
	Minimum	48	36	44	30	16	30	19	46	55	40	41	40	43	46	38	48	49	51	41	49	51	51	53	56	54	36	36	39	47	43	44	42.6
St. George	Maximum	70	59	45	35	43	52	74	75	70	60	57	55	59	65	63	62	58	64	70	77	76	78	81	80	70	49	46	69	68	64	62	63.0
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
St. Matthews §§	Maximum	62	54	41	32	49	57	59	62	70	65	61	54	53	51	62	53	55	51	63	70	65	59	60	68	71	60	47	58	61	49	42	54.9
	Miuimum	....	....	....	....	11	22	33	47	50	....	....	....	....	....	31	....	....	....	37	47	....	....	....	....	34	....	....	....	32	....	....	.....
Society Hill §§	Maximum	72	50	37	28	33	37	54	68	68	50	52	55	61	55	63	53	61	51	60	72	61	54	62	72	40	34	45	61	47	62	49	53.8
	Minimum	37	29	19	18	9	9	29	33	52	39	26	32	32	32	28	33	46	25	31	40	45	49	38	40	39	28	29	33	32	30	36	32.2
Summerville	Maximum	64	62	47	41	35	44	64	74	75	66	60	57	61	60	65	64	63	56	71	76	77	79	78	80	66	42	44	60	57	64	65	61.8
	Minimum	57	36	25	21	14	12	34	48	60	41	34	45	38	36	31	43	52	28	32	40	49	50	55	58	42	33	34	44	42	41	48	39.5
Walterboro	Maximum	....	....	....	44	32	42	....	74	77	....	61	44	52	62	67	68	63	48	72	84	79	80	79	74	62	40	44	59	52	56	....	[f]60.6
	Minimum	....	....	....	22	13	11	....	38	40	....	31	38	33	38	32	45	48	28	34	40	49	50	56	58	40	32	34	42	44	39	....	[f]37.4
Yemassee	Maximum	65	53	45	45	37	42	66	78	51	56	60	61	65	72	63	56	72	79	79	81	80	79	58	46	46	60	55	65	67	61.3		
	Minimum	58	35	24	23	14	12	42	51	40	40	30	45	45	35	34	52	51	28	36	50	48	49	55	58	46	32	36	42	44	39	50	40.1
Western Portion.																																	
Aiken	Maximum	70	63	45	39	36	40	44	68	66	65	57	56	56	59	61	59	58	52	65	71	71	75	77	76	74	41	41	60	59	62	61	58.9
	Minimum	59	28	24	23	12	19	32	43	59	35	34	41	40	34	34	45	45	30	36	53	55	55	44	61	41	30	33	40	40	38	46	39.0
Anderson	Maximum	65	53	....	....	....	....	....	....	65	47	47	51	49	55	59	55	50	38	55	60	60	60	58	60	50	38	40	51	46	55	46	[f]52.5
	Minimum	39	25	....	21	11	18	25	38	43	32	32	35	39	31	33	42	37	28	37	49	48	38	38	42	36	30	31	39	34	30	35	[b]33.9
Batesburg	Maximum	66	48	42	35	33	37	44	67	66	50	54	55	54	55	60	54	55	43	62	66	70	72	71	72	50	42	40	60	50	59	59	54.4
	Minimum	48	27	21	22	10	19	29	40	49	35	34	38	41	33	36	45	43	29	34	50	52	46	40	50	33	29	35	37	38	34	37	35.9
Calhoun Falls §§	Maximum	68	49	41	34	37	35	42	64	69	52	50	56	51	58	60	56	54	42	65	66	70	70	54	72	46	34	42	61	50	61	55	53.7
	Minimum	38	28	18	20	9	11	21	31	42	32	28	35	35	33	31	34	43	29	30	40	49	49	40	40	43	32	32	33	36	34	32	32.5
Camden §§	Maximum	64	50	48	38	35	40	48	69	65	68	58	44	42	59	58	50	52	50	63	69	70	69	65	65	63	38	42	60	58	57	47	55.0
	Minimum	40	39	26	33	18	19	21	27	33	35	34	38	40	37	38	31	34	48	35	37	54	60	55	55	33	38	37	37	35	32	31	36.5
Clemson College	Maximum	59	56	44	36	34	35	40	50	63	56	51	50	54	54	58	50	51	46	58	60	69	68	49	59	56	46	43	60	59	54	53	52.3
	Minimum	52	27	17	17	9	15	30	39	48	32	31	35	38	34	34	46	44	30	36	48	54	46	42	48	39	32	35	41	36	27	31	35.3
Columbia	Maximum	69	49	39	36	32	37	44	67	67	51	53	54	56	55	62	56	57	42	63	69	71	70	64	75	62	34	40	60	48	61	53	54.7
	Minimum	46	31	24	19	13	18	32	44	50	39	31	39	41	35	34	48	38	31	36	53	57	43	42	61	33	30	31	40	38	37	33	36.9
Greenville	Maximum	62	45	34	31	34	36	41	58	64	49	49	51	53	55	59	50	51	43	59	32	63	60	48	61	56	33	38	59	46	59	49	50.3
	Minimum	34	24	19	17	12	17	28	39	42	34	33	33	33	23	29	44	34	28	33	48	53	30	36	48	30	29	33	37	36	28	29	32.5
Greenwood	Maximum	65	67	46	38	37	33	34	42	64	68	50	49	52	52	54	58	53	53	43	63	65	69	64	58	72	44	33	40	60	48	58	52.6
	Minimum	40	25	19	20	10	10	20	30	40	33	33	35	37	37	32	35	45	30	30	43	52	53	39	39	42	28	30	32	36	32	35	32.8
Heath Spring	Maximum	67	64	....	....	....	....	....	60	64	61	55	52	56	51	60	55	55	52	60	59	65	65	....	70	60	45	....	....	....	68	....	[b]59.5
	Minimum	57	25	18	20	9	15	30	39	57	35	30	31	38	35	39	44	45	27	33	50	48	42	40	36	35	19	17	20	31	34	31	33.2
Kershaw	Maximum	69	57	41	31	33	39	44	63	67	61	62	54	58	53	61	53	57	47	61	68	69	63	54	73	65	54	39	59	52	64	51	55.5
	Minimum	55	26	18	19	10	13	30	42	57	28	36	32	34	35	27	45	39	25	32	49	54	39	37	52	33	28	29	35	32	31	40	34.3
Landrum	Maximum	65	48	37	34	37	35	39	58	66	56	48	54	60	50	65	53	49	61	62	66	61	46	58	57	36	39	62	51	60	53	52.6	
	Minimum	48	23	16	24	11	10	23	37	50	32	28	35	33	35	29	40	39	26	24	44	43	38	36	45	35	27	33	36	30	24	31	31.8
Laurens §§	Maximum	68	48	37	36	33	37	40	63	68	49	50	64	54	54	60	53	55	44	63	61	70	60	70	....	....	44	41	59	42	57	57	[b]53.0
	Minimum	36	21	19	15	7	10	18	31	40	32	26	31	33	23	24	34	43	25	26	42	46	47	56	38	44	....	31	33	34	28	29	[a]30.7
Liberty	Maximum	64	54	39	38	36	36	40	56	64	51	51	53	55	54	60	55	51	44	61	63	66	64	49	60	58	36	43	62	52	58	52	52.4
	Minimum	50	24	17	18	8	14	30	39	50	33	32	34	35	31	31	46	41	27	35	48	54	42	40	48	36	31	31	38	36	36	31	34.4
Little Mountain	Maximum	66	60	44	32	32	36	40	56	66	63	60	56	55	56	60	53	53	48	61	65	64	60	63	75	70	35	40	56	51	56	63	54.7
	Minimum	57	28	21	22	10	19	28	38	48	38	32	36	45	34	33	45	45	29	34	52	52	45	45	45	35	30	29	40	35	32	35	36.0
Meriwether	Maximum	70	60	42	42	38	42	55	70	70	61	65	60	60	60	61	60	68	50	62	70	72	76	78	79	70	60	45	....	38	50	62	[b]59.9
	Minimum	55	36	22	23	12	20	30	40	38	36	30	29	30	35	42	45	44	36	32	50	50	47	40	42	38	45	31	....	31	30	42	[b]36.0
Monetta	Maximum	68	62	43	36	32	38	41	67	66	64	53	55	54	55	60	56	55	49	63	68	70	74	72	76	71	36	39	59	56	64	59	56.8
	Minimum	57	32	23	23	12	12	31	41	57	35	33	38	39	32	33	46	46	31	32	51	51	53	42	65	36	31	32	39	39	36	44	37.8
Newberry	Maximum	70	60	45	37	33	38	40	68	66	65	50	55	53	59	61	57	60	46	67	69	70	68	51	78	65	38	36	59	56	60	58	56.1
	Minimum	56	26	20	20	10	13	30	38	57	34	29	32	32	31	28	46	45	28	32	49	50	40	31	47	38	29	29	30	34	42	37	34.3
Saluda	Maximum	68	66	44	38	34	37	39	67	66	60	53	55	53	57	60	56	55	47	65	64	70	71	70	77	43	40	40	61	53	62	56	55.7
	Minimum	58	25	26	18	11	17	30	35	56	33	27	35	40	26	29	45	43	29	30	51	41	51	50	41	36	30	30	37	39	32	34	35.0
Santuck	Maximum	68	55	36	35	33	36	40	63	68	66	49	52	44	56	61	53	60	56	50	66	61	58	69	72	56	31	35	58	49	56	50	53.0
	Minimum	54	17	19	19	8	12	16	38	33	30	27	32	35	37	27	46	38	26	32	31	45	38	36	40	30	26	30	34	34	35	33	30.9
Spartanburg	Maximum	67	47	36	34	35	36	40	62	68	54	50	54	59	50	59	54	52	46	62	63	64	64	46	60	58	36	36	58	47	59	52	51.9
	Minimum	33	25	17	17	8	12	28	37	52	32	29	35	35	34	28	44	39	25	29	46	42	36	35	44	34	21	30	33	33	27	33	31.4
Trenton	Maximum	65	46	41	38	30	38	41	66	66	51	53	54	53	58	59	54	54	47	60	66	70	73	73	76	73	45	41	59	60	62	55	55.7
	Minimum	35	27	22	34	13	20	20	37	41	35	34	34	39	34	33	46	45	30	35	36	58	53	43	50	37	30	32	38	35	37	43	35.5
Walhalla	Maximum	63	45	38	40	36	34	41	53	64	51	54	53	58	55	62	48	50	41	62	65	59	62	48	61	59	38	44	63	53	59	54	52.0
	Minimum	44	30	14	19	6	14	27	39	49	29	29	34	35	35	32	44	39	26	28	41	55	45	45	48	37	32	36	43	32	27	32	33.7
Winnsboro	Maximum	70	49	38	34	33	37	50	67	66	50	49	55	56	55	62	53	55	46	62	....	69	61	61	75	42	32	44	58	47	62	52	[b]53.0
	Minimum	45	26	19	20	8	12	18	31	43	36	30	32	35	31	31	34	45	28	29	44	53	57	39	40	40	29	30	31	34	33	35	32.8
Winthrop College	Maximum	69	57	36	33	34	37	41	59	65	53	55	57	58	52	60	54	54	48	62	65	69	63	45	71	59	36	36	56	49	62	52	53.1
	Minimum	55	24	16	20	7	9	29	39	55	33	30	30	35	31	25	40	42	25	32	45	40	36	35	45	35	28	26	34	31	30	34	32.3

Reference letters (a, b, c), appearing in the table indicate number of days missing: For example, b represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Total Precipitation, Inches, January, 1920.



Based on 700 records.

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WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

FEBRUARY, 1920

BY
RICHARD H. SULLIVAN
METEOROLOGIST

WEATHER BUREAU OFFICE
COLUMBIA, S. C.
March 23, 1920

Departure of the Mean Temperature from the Normal, February, 1920.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., FEBRUARY, 1920 No. 2.

GENERAL SUMMARY.

February temperatures averaged considerably below normal. The month was generally cold and raw, with much cloudiness and two periods of protracted low temperatures; the daily means ranged 8° to 20° below normal from the 15th to the 19th, and 11° to 19° below normal after the 25th; the warm periods were of short duration. Precipitation was somewhat below normal and badly distributed as to amounts; the monthly snowfall was very much less than usual.

Winter cereals made comparatively little growth on account of deficient sunshine and sustained cold weather, but maintained generally satisfactory condition, with no material damage from freezing and thawing; winter truck suffered considerable injury from the frequent freezes. Wet soil conditions and low temperatures retarded the progress of the usual winter plowing, and all outdoor work was generally backward.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.04 inches. The highest pressure in the region covered by reports was 30.76 inches at Charlotte, N. C., on the 1st, and in the Section proper, 30.66 inches at Columbia on the same date; the lowest pressure was 29.44 inches at Wilmington, N. C., on the 13th, and in the Section proper, 29.48 inches at Greenville on the 24th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 42 stations, was 42.8°, or 4.1° below the established normal. The highest temperature was 76° at Georgetown, Georgetown County, on the 12th. The warmest periods were between the 2d and 4th, the 10th and 14th, and the 21st and 24th. The lowest temperature was 8° above zero at Anderson, Anderson County, on the 16th. The coldest periods were on the 1st, from the 15th to 20th, and during the last 4 days of the month.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 79%; noon, 63%; 8 p. m., 66%. The highest percentages occurred over the northwestern and extreme eastern counties, and the lowest, over the north-central interior.

PRECIPITATION.

The average for the Section, 59 stations reporting, was 4.05 inches, or 0.30 inch below the established normal. Precipitation occurred in 3 periods and was well distributed in point of time; however, the total monthly amounts were near or above normal in considerable areas of the northwestern counties and in a large portion of the coastal plain, where the measurements ranged from 4 to nearly 7 inches; along the lower coast and in a wide area of the northern interior the amounts ranged from 3 inches downward to less than 2 inches in sections of Lancaster and Pickens Counties. The greatest local monthly amount was 6.99 inches at Georgetown, Georgetown County, and the least amount was 1.72 inches at Heath Spring, Lancaster County. The greatest 24-hour amount at any station was 4.01 inches at Conway, Horry County, on the 12-13th. The average number of rainy days was normal.

The month closed with a cold rainstorm, and snow flurries occurred in many parts of the Section on the 29th, the snow melting as it fell. Sleet also occurred at a few stations.

WIND.

The prevailing wind was from the northwest. The average hourly velocity, determined from 8 anemometer records, was 9.0 miles. The highest average velocity in the region covered by reports was 13.2 miles per hour at Savannah, Ga., and in the Section proper, 10.9 miles per hour at Charleston; the lowest average was 7.4 miles per hour at Charlotte and Wilmington, N. C., and in the Section proper, 7.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 43 miles per hour from the west at Savannah, Ga., on the 14th, and in the Section proper, 38 miles per hour from the northeast at Charleston on the 3d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 167.3 hours, or 52% of the possible amount. The average number of clear days was 12; partly cloudy, 5, and cloudy, 12, as against normals of 13, 6, and 9 days, respectively.

RIVER CONDITIONS.

Considerable bodies of water were in the up-State streams incident to the copious to heavy rains on the 3d and 4th and from the 10th to 13th. The run-off caused continued flood stages in the Santee River, the high waters slowly subsiding toward the close of the month. A flash flood in the Pee Dee River, caused by heavy rains in North Carolina up to the morning of the 3d, was attended by unavoidable losses estimated at $15,500, and the value of movable property saved by timely warnings approximated $15,000.

MISCELLANEOUS PHENOMENA (dates).

Fog, dense.—Charleston, 3, 12, 23, 24; Columbia, 14, 23, 24; Florence No. 1, 24; Greenville, 13, 22, 23, 24; Liberty, 24; Monetta, 12.

Halos—Lunar: Columbia, 2; Greenville, 28; Santuck, 28; Walhalla, 2. *Solar:* Charleston, 21. *Parhelia:* Santuck, 21.

Thunderstorms.—Bowman, 23; Charleston, 12, 13; Garnett, 12, 13; Little Mountain, 23; Monetta, 23; Paris Island, 24; Santuck, 23.

MISCELLANEOUS DATA FOR FEBRUARY, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.08	35.7	58	6	1.95	0.88	8.0	nw.	83	65	70	39
Augusta, Ga.	30.03	45.5	69	21	3.40	1.32	7.7	nw	83	64	69	62
Charleston, S. C.	30.02	48.2	68	27	2.61	1.26	10.9	nw.	79	73	62	51
Charlotte, N. C.	30.03	39.8	63	15	3.54	1.13	7.4	nw	72	58	63	53
Columbia, S. C.	30.05	44.0	69	20	2.82	1.32	7.9	nw.	78	60	57	53
Greenville, S. C.	30.02	40.7	59	14	3.42	1.54	9.9	ne.	80	62	64	51
Savannah, Ga.	30.03	49.5	72	23	3.53	1.20	13.2	nw.	75	56	69	60
Wilmington, N. C.	30.02	44.9	68	24	3.62	1.39	7.4	w.	82	69	75	50
Means and extremes	30.04	43.5	72	6	3.11	1.54	9.0	nw.	79	63	66	52

Climatological Data for February, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	39	46.4	−1.8	72	22	21	17	38	4.41	+0.26	3.00	0	10	9	13	7	n.	R. B. Vance.
Blackville	Barnwell	296	37	46.0	−1.2	73	22	21	†16	40	3.60	−0.87	1.00	T.	7	14	6	9	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	44.2	−3.2	68	25	15	17	41	4.46	+0.23	2.05	0	6	17	7	5	w.	B. O. Evans.
Charleston	Charleston	48	49	48.2	−3.6	68	24	27	27	21	2.61	−0.90	1.26	0	10	11	4	14	nw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	42.8	−1.9	71	21	18	17	38	3.93	−0.39	1.31	0	6	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	32	45.4	−1.9	67	†10	20	†17	39	6.00	+1.41	4.01	0	9	11	0	18	nw.	Paul Quattlebaum.
Darlington	Darlington	175	25	42.8	−1.8	70	21	19	†27	40	3.16	−1.44	1.65	0	8	12	0	17	.....	D. C. McCall.
Edisto ††	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	4.45	−0.56	2.43	0	8	...	....	....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	3.77	−1.66	2.40	0	6	....	....	....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	43.6	−4.1	70	21	17	17	38	4.34	+0.26	2.10	0	9	....	....	..	.....	Henry C. Savage.
Florence 1	Florence	136	39	44.6	−1.0	69	21	22	†16	41	4.18	−0.22	2.52	0	9	13	2	14	ne.	H. K. Gilbert.
Florence 2	....do	136	5	.....	.....	.....	.....	.....	.....	.....	3.94	−0.46	2.60	0	6	18	4	7	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	47.9	.....	71	10	19	17	41	6.69	.....	2.30	0	12	11	8	10	w.	Maner B. Robert.
Georgetown	Georgetown	12	28	.....	.....	76	12	....	.....	.....	6.99	+3.45	1.25	0	10	14	10	5	n.	A. P. Hazard.
Kingstree	Williamsburg	54	39	45.6	−1.5	69	21	21	†17	42	4.05	−0.18	1.98	0	6	13	1	15	nw.	W. H. Matthews.
Oaks	Georgetown	.....	5	.....	.....	.....	.....	§19	28	.....	6.87	.....	1.90	0	10	14	2	13	s.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	46.6	.....	72	21	20	28	43	3.78	.....	2.24	T.	10	12	5	12	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	...	.....	.....	.....	.....	.....	.....	.....	3.47	.....	2.00	T.	8	11	6	12	nw.	State A. and M. College.
Paris Island	Beaufort	13	36	50.1	−1.3	72	21	18	26	40	2.18	−1.71	1.26	0	4	11	4	14	n.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	44.9	−3.2	68	21	24	16	...	4.57	−0.95	2.00	T.	5	13	6	10	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	4.85	.....	2.75	0	5	...	.....	.....	.....	William B. Wolfe.
St. George	Dorchester	109	39	.....	.....	72	21	.....	.....	.....	3.47	−0.68	1.06	0	6	22	0	7	ne.	Miss Alma T. Whiteside.
St. Matthews	Calhoun	62	39	.....	.....	.....	.....	.....	.....	.....	2.90	−2.04	0.91	0	7	15	10	4	e.	Miss Frances M. Antley.
Society Hill	Darlington	192	30	42.0	−2.4	70	21	18	27	41	3.53	−1.23	1.36	0	9	14	1	14	ne.	A. H. Rogers.
Summerville	Dorchester	75	23	47.3	−1.5	71	21	18	17	35	5.02	+0.58	1.72	0	9	6	17	6	sw.	Miss E. H. Gadsden.
Walterboro	Colleton	69	18	‡44.6	−5.8	‡74	10	‡17	28	‡52	6.49	+2.17	3.30	0	6	18	1	10	.....	J. N. Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	3.17	.....	1.47	T.	6	....	....	....	.....	Combahee Company.
Yemassee	Hampton	24	32	47.3	−1.1	72	21	17	17	39	4.78	+0.75	3.25	0	8	14	0	15	nw.	W. C. Hutson.
Division means and	extremes	.....	....	45.6	−1.7	76	12	15	17	52	4.34	−0.05	4.01	T.	8	13	6	10	nw.	
Western Portion.																				
Aiken	Aiken	527	59	44.8	−4.2	68	†10	18	16	37	3.72	−0.36	1.11	0	8	15	2	12	nw.	Frank B. McCoy.
Anderson	Anderson	764	25	.....	.....	.....	.....	‡ 8	16	.....	4.08	−1.20	1.23	0	10	18	0	11	w.	H. H. Russell.
Batesburg	Lexington	656	37	42.7	−2.1	64	14	18	16	39	2.96	−2.92	1.15	0	6	14	5	10	nw.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	3.89	−0.01	1.52	0	7	....	....	....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	41.4	.....	64	†21	15	†16	38	3.86	−1.30	1.24	0	8	11	6	12	e.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	2.11	−1.84	0.70	0	7	....	....	....	.....	W. C. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	4.38	−0.13	1.74	0	9	....	....	..	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	...	4.80	+1.09	1.20	0	8	....	....	....	.....	J. J. Murran.
Clemson College	Oconee	850	29	42.8	+0.4	60	13	16	17	36	3.88	−1.54	1.33	0	10	18	5	6	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	44.0	−3.8	69	21	20	16	30	2.82	−1.89	1.32	T.	10	9	7	17	nw.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	4.04	.....	1.20	0	8	....	....	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	3.51	−0.89	0.98	0	9	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	40.7	+0.2	59	13	14	16	29	3.42	−1.86	1.54	T.	9	12	7	10	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	41.0	−2.0	63	22	16	†16	38	5.61	+0.80	2.14	0	7	16	0	13	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	41.8	−0.2	62	23	17	16	40	1.72	−2.56	0.75	0	6	12	4	13	ne.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	42.5	.....	68	21	18	†16	44	2.70	.....	0.90	0	9	15	1	13	w.	John W. Hamel.
Landrum	Spartanburg	1063	5	41.4	.....	62	22	13	16	39	4.10	.. ..	2.23	T.	4	15	5	9	.....	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	40.2	.....	63	21	14	†16	37	4.37	.....	1.24	0	6	19	0	10	.....	Perry A. Simpson.
Liberty	Pickens	900	21	42.3	−0.2	63	23	14	16	40	1.91	−3.88	0.60	T.	11	10	11	8	sw.	John T. Boggs.
Little Mountain	Newberry	711	28	43.6	−1.6	65	21	17	†16	39	4.02	−0.77	1.35	T.	8	16	4	9	w.	J. M. Sease, M. D.
Meriwether	McCormick	450	18	‡44.4	−2.0	‡70	23	‡18	17	‡35	3.53	−1.05	1.18	T.	7	10	5	14	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	44.4	−3.4	68	21	16	17	38	3.96	−0.87	1.00	T.	9	9	10	10	w.	Joseph M. Johnson.
Newberry	Newberry	502	17	43.9	−0.3	66	21	16	16	40	4.64	+0.50	1.50	0	11	9	8	12	n.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	3.94	−0.54	1.02	0	9	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	44.0	−2.3	69	21	17	28	45	4.35	−0.39	1.17	T.	8	14	4	15	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	39.8	−2.8	66	22	14	27	40	4.58	−0.36	1.58	T.	9	12	7	10	nw.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	41.2	−1.2	62	†13	14	16	40	3.84	−0.92	1.05	0	10	...	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	28	43.8	-2.3	66	21	18	16	33	3.48	−1.94	1.51	0	6	16	5	8	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	43.1	−0.1	64	†13	11	16	42	4.78	−0.44	2.10	T.	11	11	8	10	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	°41.4	−3.7	°68	21	°16	16	°41	3.88	−0.40	1.39	T.	9	15	6	8	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	21	40.9	−1.8	65	21	15	16	41	4.65	−0.53	1.50	0	6	13	6	10	n.	W. P. Goodman.
Division means and	extremes	.....	....	40.7	−3.6	70	23	8	16	45	3.79	−0.60	2.23	T.	8	13	5	11	w.	
Section means and	extremes	.....	....	42.8	−4.1	76	12	8	16	52	4.05	−0.30	4.01	T.	8	12	5	12	nw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. †† Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for February, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah			.30	.08	.05						.45		3.00						.05			.20	.10	.15	.03							4.41
Blackville ||||	Edisto			.10									.50	1.00	.96								.51	.33					.20				3.60
Bowman	do			.06	.10							1.80	2.05										.25	.20					T.				4.46
Charleston ***	Coast			.36	.90	T.						.06	.74	.07					.11	T.			.06	.05	.08				.18				2.61
Cheraw ||||	Pee Dee			.43	.72									1.31										.73	.53	.21							3.93
Conway ||||	Waccamaw			.58	.21	.30						.05	.43	4.01					.14				.23	.05									6.00
Darlington ||||	Pee Dee			.45	.31							T.	.15	1.65									.05	.30	.20	.05							3.16
Edisto ||||	Edisto			.47	.09	.08						.68		2.43						.09				.25	.36								4.45
Effingham ||||	Lynches			.45	.20							.11	.16	2.40						T.			T.	.45									3.77
Ferguson ||||	Santee			.78	.18							.56	.09	2.10					.16					.19	.21	.07							4.34
Florence 1 ||||	Pee Dee			.48	.43								.11	2.52						.06			.04	.38	.06	.10							4.18
Florence 2 ||||	do			.21	.23							T.	.30	2.60										.30	.30								3.94
Garnett	Savannah		T.	.33	.17							.12	2.30	2.15					.14	.01			.22	.02	.98	.05				.20			6.69
Georgetown	Coast			1.10	1.25	1.25							.35						.30	.55			1.04	.55	.15					.45			6.99
Kingstree ||||	Black			.75	.17	.15							.40	1.98										.60									4.05
Oaks	do		1.10	.85	.15						.01	.45	1.85	1.90					.10				.25		.20					.01			6.87
Orangeburg 1	Edisto			.48	.04							.47		2.24		.04			.04				.31	.02	.12					.02			3.78
Orangeburg 2	do			.53	.06							.01		2.00					.05				.28		.53					.01			3.47
Paris Island	Coast												.05	.76						.11					1.26								2.18
Pinopolis	Cooper			1.45								2.00	.56						.10											.46			4.57
Rimini ||||	Santee			.75							T.	.54	.14	2.75										.67									4.85
St. George ||||	Edisto		.89	.19									.80	1.06					.14					.39									3.47
St. Matthews ||||	Santee			.50	.05								.91	.49					.03			.32	.60										2.90
Society Hill ||||	do			.76	.46	.01						.11		1.36									.21	.38	.17	.07							3.53
Summerville	Ashley		T.	1.72	.02							.40	.88	1.40					.15				.25		.08				.12				5.02
Walterboro	Ashepoo			1.13	.10							.31	3.38	1.50							.15												6.49
Whitehall (near)	Combahee		1.34									.06		1.47				T.	.11					.13		.06			T.				3.17
Yemassee ||||	Ashepoo			.58		.04						T.	.27	3.25						.10			.21	.28	.05								4.78
Western Portion.																																	
Aiken	Edisto			.90	.17							.50	.41	1.11									.41	.11					.11				3.72
Anderson	Savannah			.76	.20						.26	.06	.56	.70									1.23	.07	.04				.20				4.08
Batesburg ||||	Edisto			.40	.24				T.		T.		.33	1.15		T.							.08	.76									2.96
Blairs ||||	Broad			1.02	.40							.17		1.52									.11	.61	.06								3.89
Calhoun Falls ||||	Savannah			.46	1.24	.10						.09		.60	T.								.29	.89	.19								3.86
Camden ||||	Wateree			.70	.12							.23		.37									.17	.28	.24								2.11
Catawba ||||	Catawba			.76	.38	.02						T.	.09	1.65									.36	.49	.28								4.38
Chappells ||||	Saluda			.90	.95	.05						.10		1.20									.15	.52	.93								4.80
Clemson College	Savannah			1.33	.46						.04		.21	.78	.03								.92	.05	.04				.02				3.88
Columbia ***	Congaree		.04	.63	.06						T.	.22	.17	.15	T.				T.				.41	.06	.06				.02				2.82
Edgefield ||||	Savannah			.72	.35	.05						.42		1.20									.10	1.10	.10								4.04
Gaston Shoals ||||	Broad			.70	.98	.02						.04		.69									.25	.10	.36	.37							3.51
Greenville ***	Saluda			1.47	.11						.02		.79	.10	T.								.75	.13	.14				.01				3.42
Greenwood ||||	do			.90	1.24							.09		1.85							.30	.79	.44									5.61
Heath Spring	Wateree			.01	.06							.05	.60											.25	.75								1.72
Kershaw ||||	Lynches			.01	.06							.11	.41	.90									.50	.57	.11	.03							2.70
Landrum	Broad			2.23	1.63								.07												.17		T.			T.			4.10
Laurens ||||	Saluda			1.05	.57							.11		1.24									.90		.50								4.37
Liberty	Savannah				.02						.10	.12	.15	.20	.04	.42							.60	.20	.04				.02				1.91
Little Mountain	Saluda			1.35	.10							.20	.40	1.00									.65	.27					.05				4.02
Meriwether	Savannah			.90	.32							.52		1.18		.12			T.				.12		.37				T				3.53
Monetta	Edisto			.87	.18							.02	.37	.36	.77								1.00	.35					.04				3.96
Newberry	Saluda			1.50	.50	.04						T.	.10	.45	.90		.01						.87	.17	.05	T.			.05				4.64
Pelzer ||||	do			.72	1.02	.02						.06		1.02		T.							.60	.26	.20	.04			T.				3.94
Saluda	do			1.17	.26	.05							.62	.95									1.05	.20	.05				T.				4.35
Santuck	Broad			1.58	.31	.03						.14	.90	.79										.51	.26		T.		.06				4.58
Spartanburg ||||	do			.85	1.05	.05						.02		.77		.05							.28	.20	.30	.27							3.84
Trenton	Edisto		T.	.78	.19						T.	.60		.30						T.			1.57	.10	T.				T.				3.48
Walhalla	Savannah			2.10	.80	.01					.08		.30	.33	.01								1.00	.05	.68				.02				4.78
Winnsboro	Broad			1.20	.42	.05						.17	.01	1.39									.13	.44	.07			T.					3.88
Winthrop College	Catawba			1.20	.25								.60		1.05									1.00	.25								4.65

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.6	80	24	3.41	12				
1888	49.9	76	15	4.83	10				ne.
1889	41.9	75	10	5.60	8				*w.
1890	56.1	83	21	2.38					sw.
1891	54.7	83	13	4.23					sw.
1892	49.2	73	18	3.64					*sw.
1893	51.0	82	25	5.05	12				
1894	48.9	76	16	4.35	10	8	9	11	sw.
1895	37.4	78	− 6	3.07	7	13	6	9	nw.
1896	48.2	81	5	6.13	8	13	8	8	sw.
1897	50.0	83	15	7.80	11	10	7	11	sw.
1898	44.5	78	10	0.86	3	15	6	7	w
1899	43.0	80	− 11	6.98	12	9	7	12	w.
1900	44.0	78	1	5.77	10	9	7	12	w.
1901	43.2	78	7	3.08	6	14	7	7	nw.
1902	40.6	77	11	5.89	8	12	6	10	nw.
1903	49.0	81	11	7.03	10	10	7	11	sw.
1904	45.2	86	15	3.59	9	12	6	11	ne.
1905	38.9	72	0	5.21	9	10	4	14	ne.
1906	46.0	76	12	2.58	6	16	5	7	ne.
1907	45.1	84	16	3.63	8	10	8	10	ne.
1908	43.6	81	12	5.28	10	14	6	9	w.
1909	52.2	84	12	4.49	8	15	7	6	sw.
1910	44.7	79	15	4.71	9	12	6	10	w.
1911	52.1	85	20	1.60	5	13	8	7	sw.
1912	42.3	80	8	5.99	8	15	5	9	w.
1913	48.9	80	22	4.50	8	12	4	12	w.
1914	44.6	78	14	4.41	9	12	6	10	n.
1915	48.6	80	20	3.15	6	15	6	7	n.
1916	48.5	81	11	3.96	8	17	6	6	sw.
1917	47.3	87	−2	4.11	8	14	7	7	sw.
1918	52.4	88	11	1.89	7	14	7	7	sw.
1919	47.5	75	17	4.73	10	14	4	10	ne.
1920	42.8	76	8	4.05	8	12	5	12	nw.
Period	46.9	88	−11	4.35	8	13	6	9	sw.

*Also nw.

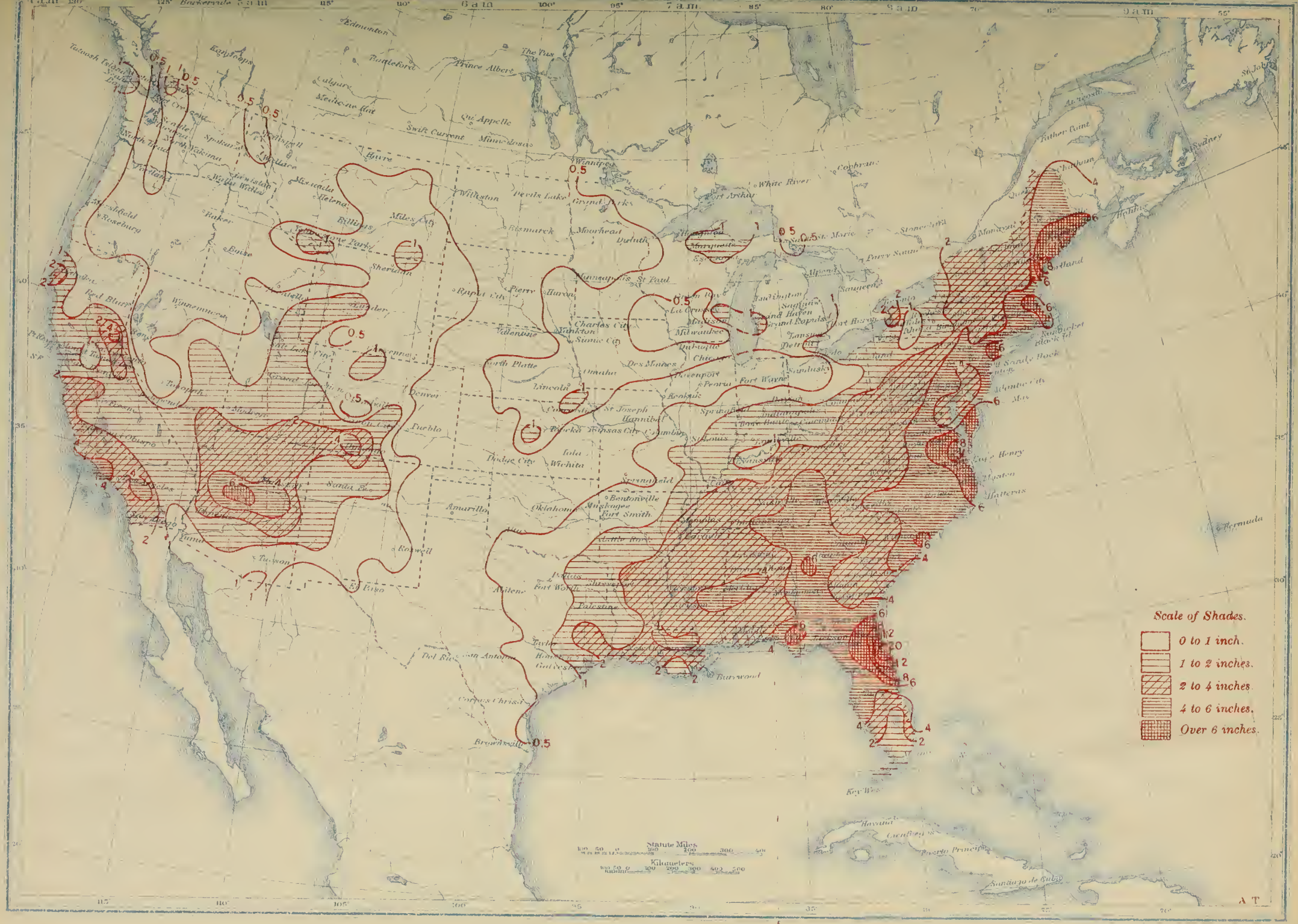
Daily Temperatures for February, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	62	42	58	60	60	50	60	57	55	61	71	59	63	63	61	41	38	52	43	58	62	72	70	64	62	50	43	42	54	....	....	52.7
	Minimum	30	32	37	53	38	37	39	33	34	39	50	48	46	40	30	23	21	31	33	35	39	46	47	55	38	28	24	22	34	....	....	34.3
Blackville	Maximum	50	59	57	51	62	62	58	58	60	69	67	65	52	64	61	40	54	53	51	65	69	73	63	60	57	45	44	56	40	....	....	57.4
	Minimum	28	35	40	31	35	38	36	30	32	42	50	47	43	38	28	21	21	22	31	33	38	40	52	48	38	25	21	38	25	....	....	34.7
Bowman	Maximum	35	60	35	60	48	60	63	67	62	60	65	64	60	45	43	45	56	58	62	65	60	58	65	68	50	50	50	55	47	....	....	56.1
	Minimum	25	35	40	48	34	32	30	28	27	40	42	44	42	35	25	20	15	20	26	30	33	15	46	45	40	27	20	17	30	....	....	32.4
Charleston	Maximum	35	42	54	41	38	41	43	38	38	48	49	48	51	48	35	28	28	39	38	39	47	55	52	53	40	30	27	31	36	....	....	55.3
	Minimum	45	60	64	62	43	60	57	55	50	66	60	65	67	65	54	38	49	46	59	51	62	64	57	68	54	46	41	50	46	....	....	41.1
Cheraw	Maximum	38	58	58	50	51	58	54	54	51	62	50	48	63	66	44	40	53	48	58	59	71	56	69	53	51	43	42	55	48	....	....	53.5
	Minimum	28	30	48	46	34	30	33	27	25	36	39	30	42	33	28	19	18	29	31	22	30	49	45	47	33	25	20	20	33	....	....	32.1
Conway	Maximum	49	61	65	63	43	58	56	55	56	67	65	55	65	65	60	40	51	46	57	57	67	60	66	59	60	45	41	53	42	....	....	56.1
	Minimum	30	36	53	40	35	33	33	30	28	34	41	42	49	40	35	24	20	28	33	26	31	39	52	53	38	28	22	20	31	....	....	34.6
Darlington §§§	Maximum	38	57	63	48	46	60	58	57	57	67	49	50	65	63	45	39	52	40	59	57	70	58	64	54	48	45	43	53	46	....	....	53.5
	Minimum	27	29	35	47	35	30	35	28	26	36	41	34	42	34	30	20	21	30	30	23	30	42	50	49	35	26	19	19	32	....	....	32.2
Ferguson §§§	Maximum	57	55	65	55	43	58	50	55	55	68	49	49	60	60	40	36	29	41	55	58	70	68	61	60	48	44	39	52	50	....	....	52.8
	Minimum	34	30	37	53	37	29	33	29	28	37	46	46	46	38	30	25	17	24	33	36	32	41	42	52	44	35	25	19	23	....	....	34.5
Florence 1	Maximum	38	56	63	51	39	60	57	56	59	65	48	56	66	63	41	42	53	45	57	60	69	57	64	54	51	44	45	55	47	....	....	53.8
	Minimum	28	32	43	50	35	32	39	32	31	42	47	38	42	39	31	22	23	32	33	28	33	44	51	51	36	28	22	26	34	....	....	35.3
Garnett	Maximum	55	56	60	60	52	61	59	57	63	71	66	59	66	62	57	40	54	47	60	64	71	62	67	67	62	45	43	56	50	....	....	58.3
	Minimum	31	38	53	45	37	36	41	30	30	40	51	50	49	41	31	25	19	34	32	34	39	50	55	54	38	28	25	21	31	....	....	37.5
Georgetown	Maximum	60	62	64	57	54	60	58	58	66	61	70	76	68	64	55	44	54	50	59	55	70	62	64	64	62	50	45	56	45	....	....	59.1
	Minimum	49	56	65	60	46	57	55	54	54	67	65	51	63	61	58	39	50	48	55	56	69	65	64	64	60	46	40	52	49	....	....	55.8
Kingstree	Maximum	29	34	51	43	35	32	36	29	28	39	42	42	41	38	32	24	21	31	33	27	35	55	50	53	39	28	24	21	32	....	....	35.3
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Oaks	Maximum	....	....	....	....	....	....	....	29	29	36	42	42	49	42	38	25	20	28	32	27	33	52	56	55	39	20	25	19	30	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orangeburg 1	Maximum	57	54	64	59	47	62	53	55	60	71	66	52	63	63	58	42	53	49	57	61	72	64	62	63	61	45	43	56	55	....	....	57.5
	Minimum	28	32	50	42	37	35	35	30	31	40	47	44	45	40	29	22	22	30	34	29	34	52	51	53	39	27	22	20	32	....	....	35.6
Paris Island §§§	Maximum	65	62	60	65	51	61	68	60	59	68	67	64	68	63	48	41	49	54	61	59	72	68	67	70	55	47	53	54	61	....	....	60.0
	Minimum	35	47	42	51	34	39	42	46	37	40	49	49	51	45	35	27	27	37	39	39	44	53	52	54	30	18	30	38	37	....	....	40.2
St. George	Maximum	55	65	63	58	60	58	58	60	70	65	64	55	65	65	66	52	55	58	60	65	72	67	63	66	52	45	49	55	50	....	....	59.9
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Matthews §§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Society Hill §§§	Maximum	38	55	58	47	43	57	56	54	54	64	49	49	64	63	43	37	51	47	57	55	70	56	61	53	48	44	42	52	45	....	....	52.1
	Minimum	26	28	36	46	35	30	36	31	26	37	40	33	39	34	29	19	20	28	28	23	29	40	49	49	34	25	18	20	33	....	....	31.8
Summerville	Maximum	51	55	64	61	47	62	59	57	60	69	62	53	68	64	60	40	53	44	59	61	71	61	65	66	61	47	43	55	48	....	....	57.4
	Minimum	32	38	53	46	37	33	36	32	31	38	52	48	49	40	32	25	18	30	34	34	37	52	53	57	41	27	23	20	32	....	....	37.2
Walterboro	Maximum	....	56	56	56	....	45	56	57	66	74	54	56	42	52	56	41	....	....	52	65	52	65	45	....	62	47	44	46	69	....	....	[c]54.8
	Minimum	....	36	53	45	....	31	43	31	30	36	30	32	42	40	52	25	....	....	30	32	35	34	....	40	27	23	17	22	....	....	....	[c]34.3
Yemassee	Maximum	45	60	60	62	51	51	60	57	62	69	64	64	69	61	45	41	54	42	60	67	72	60	67	67	53	46	44	54	54	....	....	57.3
	Minimum	30	38	52	52	37	36	40	29	30	45	51	49	52	40	30	25	17	30	34	34	37	55	52	55	40	26	24	18	24	....	....	37.3
Western Portion.																																	
Aiken	Maximum	54	52	58	56	50	59	58	55	58	68	58	57	62	60	58	41	51	50	57	60	68	67	65	66	58	45	42	52	50	....	....	56.4
	Minimum	28	34	50	41	37	34	35	30	34	45	44	43	41	40	27	18	19	34	31	33	40	54	49	51	35	23	19	23	37	....	....	35.5
Anderson	Maximum	56	....	....	....	....	....	....	....	....	....	33	33	33	25	17	8	12	22	25	22	32	38	40	21	22	25	9	14	26	....	....	51.2
	Minimum	35	....	....	....	....	....	....	....	....	....	35	56	48	58	64	45	31	35	43	55	58	69	56	58	56	49	46	41	47	41	....	34.3
Batesburg	Maximum	36	51	58	54	48	58	55	53	57	62	56	48	58	64	45	31	35	43	55	58	69	56	58	56	49	46	47	34	24	25	23	35	....	....	53.3
	Minimum	26	21	45	38	34	35	35	36	37	42	43	43	40	40	25	18	21	31	33	30	37	39	46	47	34	24	25	23	35	....	....	29.6
Calhoun Falls §§§	Maximum	37	58	54	49	52	62	54	58	58	60	61	48	61	61	40	36	51	53	57	61	64	64	63	60	47	42	42	50	41	....	....	53.3
	Minimum	26	28	35	46	37	33	31	27	28	30	41	41	39	31	23	15	16	18	27	25	26	37	49	48	28	23	15	15	29	....	....	33.2
Camden §§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clemson College	Maximum	46	59	58	53	49	58	58	51	51	57	56	54	60	57	52	36	48	52	52	53	55	58	55	59	58	48	39	40	45	....	....	52.3
	Minimum	30	40	51	45	41	30	31	30	26	43	35	38	41	31	26	17	16	29	34	24	35	46	49	49	30	25	18	18	35	....	....	33.2
Columbia	Maximum	37	54	63	56	49	59	53	54	56	66	53	49	59	60	42	37	51	44	56	57	69	59	58	57	47	40	41	52	45	....	....	52.5
	Minimum	27	33	49	39	35	35	38	33	32	45	43	43	38	28	20	21	34	36	34	40	53	50	43	33	27	22	25	31	....	....	....	35.5
Greenville	Maximum	37	58	52	50	49	58	49	52	52	55	52	43	59	56	36	36	47	52	50	54	57	59	52	53	43	35	38	50	40	....	....	49.2
	Minimum	26	36	49	39	36	35	35	30	30	43	33	38	37	34	23	14	13	32	32	29	40	46	48	36	26	22	17	21	25	....	....	32.2
Greenwood	Maximum	51	35	53	53	48	50	58	54	53	53	60	55	45	60	60	37	34	49	48	54	58	63	60	60	58	45	37	39	50	....	....	55.1
	Minimum	26	25	25	47	37	35	33	30	29	30	42	47	40	36	25	16	16	20	32	30	32	37	49	49	30	20	19	18	22	....	....	30.9
Heath Spring	Maximum	58	52	54	50	47	55	55	54	52	60	58	56	57	58	50	57	52	50	51	54	50	57	62	54	51	44	45	55	47	....	....	53.2
	Minimum	24	30	47	35	33	32	36	31	29	35	39	37	49	61	62	52	35	51	45	54	55	68	58	57	54	49	40	36	53	....	....	30.4
Kershaw	Maximum	40	54	57	55	45	58	54	52	54	65	57	49	61	62	52	35	51	45	54	55	68	58	57	54	49	40	36	53	49	....	....	62.4
	Minimum	24	30	48	37	34	30	36	30	28	41	40	35	40	36	27	18	19	28	32	24	34	50	49	46	34	23	19	18	35	....	....	32.6
Landrum	Maximum	40	58	53	50	52	53	50	49	52	58	54	48	60	59	52	36	48	54	50	55	54	62	58	52	45	36	36	52	47	....	....	50.9
	Minimum	26	36	49	39	38	37	36	34	30	43	35	31	40	29	22	13	14	34	31	24	34	44	52	44	26	22	17	16	33	....	....	32.0
Laurens §§§	Maximum	58	58	53	47	57	58	54	53	54	62	54	41	59	60	39	34	49	51	55	56	63	58	53	57	45	39	39	52	41	....	....	51.8
	Minimum	25	26	37	46	33	29	28	27	24	28	38	39	37	29	24	14	14	25	27	20	27	31	48	47	28	19	15	15	35	....	..	28.7
Liberty	Maximum	43	60	58	52	52	58	55	55	53	57	57	49	53	50	48	39	49	56	51	56	58	62	63	60	47	36	41	53	46	....	....	52.6
	Minimum	28	39	44	42	39	32	34	27	37	27	36	38	37	33	24	14	16	30	33	23	31	47	50	46	28	23	16	18	33	....	....	32 0
Little Mountain	Maximum	45	50	58	58	56	58	52	54	58	63	56	51	60	64	53	35	50	48	47	55	65	61	56	55	55	40	40	40	40	....	....	[a]52.3
	Minimum	25	35	48	40	34	40	35	32	32	50	42	41	39	40	25	17	20	35	32	40	42	52	49	46	32	24	17	21	29	....	....	35.0
Meriwether	Maximum	59	60	60	58	....	....	....	49	58	68	69	58	63	60	40	38	43	47	55	62	....	....	64	70	61	58	49	47	35	47	....	....	[a]55.1
	Minimum	30	38	41	38	....	....	....	37	38	44	45	39	41	38	25	19	18	27	30	25	....	....	37	41	48	36	26	29	19	34	....	....	[a]33.7
Monetta	Maximum	48	50	57	56	48	58	56	53	58	65	57	53	61	59	56	36	50	48	55	60	68	65	61	59	57	44	40	51	49	....	....	54.4
	Minimum	27	32	48	39	35	34	33	32	32	42	45	43	45	37	26	18	16	31	32	31	37	52	47	49	35	25	21	21	35	....	....	34.5
Newberry	Maximum	42	52	56	58	50	61	61	56	56	60	58	56	59	64	56	41	52	50	57	59	66	60	61	57	57	43	43	54	49	....	....	55.0
	Minimum	25	31	47	40	35	34	33	28	27	41	41	41	40	33	26	16	21	28	30	25	35	50	49	47	32	23	18	18	36	....	....	32.8
Saluda	Maximum	45	52	58	57	40	61	55	55	57	65	56	52	63	61	55	37	51	49	66	60	69	61	69	60	57	57	43	53	45	....	....	55.2
	Minimum	42	43	47	38	30	32	29	27	26	38	43	43	38	30	26	18	20	26	26	24	32	48	48	49	34	23	20	17	35	....	....	32.8
Santuck	Maximum	40	50	51	53	49	53	56	53	51	52	56	50	51	....	....	....	58	35	40	50	47	50	57	66	58	52	45	40	36	42	42	....	....	[a]43.6
	Minimum	24	30	38	36	36	31	32	32	27	30	34	34	34	....	....	....	25	18	18	31	22	30	33	34	45	40	30	28	14	18	32	....	....	[a]29.9
Spartanburg	Maximum	40	55	53	51	52	55	50	52	55	55	54	47	62	61	54	36	52	55	52	57	62	56	55	52	46	36	41	54	43	....	....	51.5
	Minimum	23	33	43	43	36	30	30	34	27	41	32	33	38	32	23	14	16	28	32	23	35	46	46	45	27	23	19	20	20	....	....	30.8
Trenton	Maximum	48	51	58	56	50	58	54	53	56	64	58	49	60	59	38	36	50	46	56	60	66	61	65	59	57	40	41	51	46	....	....	53.3
	Minimum	27	27	38	36	38	35	32	32	32	45	42	42	40	45	26	18	20	27	32	34	40	51	51	49	33	24	20	25	35	....	....	34.3
Walhalla	Maximum	47	60	57	52	47	62	51	55	54	51	56	45	64	59	40	39	52	55	55	56	55	64	55	61	46	38	44	52	46	....	....	54.0
	Minimum	30	40	51	44	38	29	33	29	26	39	32	41	37	28	21	11	13	28	29	23	36	46	49	45	27	17	13	16	34	....	....	32.2
Winnsboro	Maximum	35	53	67	49	49	58	55	54	55	64	55	47	60	62	41	36	51	45	36	57	68	56	....	....	....	42	41	53	42	....	....	[c]51.2
	Minimum	24	35	32	48	34	31	33	31	29	33	41	38	39	39	25	16	17	20	32	28	36	39	49	....	....	23	..	22	29	....	....	[c]31.7
Winthrop College	Maximum	24	35	32	48	34	31	33	31	29	33	41	38	39	39	25	16	17	20	32	28	36	39	49	....	....	23	..	22	29	....	....	56.6
	Minimum	36	52	49	52	51	57	52	51	51	57	53	46	62	61	55	34	50	48	53	55	65	59	53	51	45	38	39	52	41	....	....	31.2
	Maximum	21	29	45	36	35	32	30	31	26	42	31	32	33	39	24	15	18	31	30	24	39	42	48	43	31	22	16	23	33	....	....	....

Reference letters (a, b, c), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

§§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Total Precipitation, Inches, February, 1920.


Scale of Shades.
0 to 1 inch.
1 to 2 inches.
2 to 4 inches.
4 to 6 inches.
Over 6 inches.
Statute Miles
Kilometers
Edmonton
Prince Albert
Winnipeg
Duluth
Minneapolis
St Paul
Chicago
Detroit
Cleveland
Buffalo
Toronto
Ottawa
Montreal
Quebec
Portland
Boston
Halifax
Sydney
St John
Bermuda
Havana
Santiago de Cuba
Key West
Galveston
Brownsville
El Paso
Tucson
Phoenix
Los Angeles
San Francisco
Portland
Seattle
Spokane
Boise
Salt Lake City
Denver
Omaha
Kansas City
St Louis
Memphis
Atlanta
Charleston
Jacksonville
Miami
New Orleans
Houston
Dallas
Oklahoma
Amarillo
Wichita
Pierre
Bismarck
Moorhead
Fort Arthur
White River
Sault Ste Marie
Parry Sound
Toronto
Hamilton
Buffalo
Cleveland
Detroit
Toledo
Chicago
Milwaukee
Grand Rapids
Saginaw
Port Huron
Sarnia
Kingston
Ottawa
Montreal
Quebec
Father Point
Yarmouth
Portland
Boston
Halifax
Sydney
St John
Bermuda
Havana
Santiago de Cuba
Key West
Galveston
Brownsville
El Paso
Tucson
Phoenix
Los Angeles
San Francisco
Portland
Seattle
Spokane
Boise
Salt Lake City
Denver
Omaha
Kansas City
St Louis
Memphis
Atlanta
Charleston
Jacksonville
Miami
New Orleans
Houston
Dallas
Oklahoma
Amarillo
Wichita
Pierre
Bismarck
Moorhead
Duluth
Minneapolis
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U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

UNIV. OF ILLINOIS LIBRARY

MARCH, 1920

BY

RICHARD H. SULLIVAN

METEOROLOGIST

WEATHER BUREAU OFFICE
COLUMBIA, S. C.
April 27, 1920

Departure of the Mean Temperature from the Normal, March, 1920.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN. Meteorologist.

VOL. XXIII. COLUMBIA, S. C., MARCH, 1920 No. 3.

GENERAL SUMMARY.

The month was unusually cold, on the whole, and was marked by wintry and generally disagreeable conditions during the first 10 days, when the daily mean temperatures ranged 5° to 22° below normal, with the Section minimum equaling the lowest record for March. The rainfall was much above normal, particularly over the central and up-State counties.

Winter cereals maintained generally satisfactory condition, with comparatively little damage from freezing and thawing, notwithstanding the cold weather of the early part of the month. Early gardens and truck, however, suffered materially from the frequent freezes. The generally wet condition of the soil retarded spring land preparation considerably until toward the middle of the month, when much of this work was done, and early corn was planted in a few sections as far northward as the central counties. Vegetation made marked advance with the warm weather of the latter part of the month, and cotton planting began in scattered sections of the coastal plain. The month closed with tree fruits and wild shrubbery blooming freely, and the woods were greening rapidly.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30 10 inches. The highest pressure in the region covered by reports was 30.61 inches at Asheville, N. C., on the 8th, and in the Section proper, 30.57 inches at Columbia on the same date; the lowest pressure was 29.43 inches at Wilmington, N. C., on the 5th, and in the Section proper, 29.45 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 43 stations, was 52.3°, or 2.5° below the established normal. The highest temperature was 87° at Blackville, Barnwell County, on the 27th. The warmest periods of the month were generally on the 11th and 12th, between the 16th and 19th, and between the 24th and 29th. The lowest temperature was 10° at Walhalla, Oconee County, on the 8th. This equals the lowest March minimum temperature record for the Section, namely, at Liberty, Pickens County, March 7, 1901. The coldest period of the month was during the first 10 days, when the minimum temperatures were unusually low.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 75%; noon, 56%; 8 p. m., 61%. The highest percentages were on the immediate coast and in the lower Savannah watershed, and the lowest, over the northern interior.

PRECIPITATION.

The average for the Section, 59 stations reporting, was 6.73 inches, or 2.83 inches above the established normal. Precipitation occurred during 4 periods and was generally well distributed throughout the Section as to time and amounts. Excepting a small section of the lower coast counties, the monthly rainfall was above normal and ranged mostly from 5 to nearly 11 inches. The greatest local monthly amount was 10.65 inches at Bowman, Orangeburg County, and the least amount was 2.16 inches at Paris Island, Beaufort County. The greatest amount during any 24 hours was 3.35 inches at Calhoun Falls, Abbeville County, on the 12th. The average number of rainy days was normal.

Snow flurries were reported from a number of stations of the central and northern portions on the 1st and at Gaston Shoals, Cherokee County, on the 7th.

A windstorm occurred at Meriwether, McCormick County, on the 28th, attended by considerable damage to trees and houses.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 8 anemometer records, was 9.5 miles. The highest average was 13.7 miles per hour at Savannah, Ga., and in the Section proper, 12.0 miles per hour at Charleston; the lowest average was 6.9 miles per hour at Charlotte, N. C., and in the Section proper, 8.0 miles per hour at Columbia. The highest velocity for any 5-minute period was 45 miles per hour from the southwest at Wilmington, N. C., on 13th, and in the Section proper, 44 miles per hour from the west at Greenville on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 245.1 hours, or 66% of the possible amount. The average number of clear days was 17; partly cloudy, 6, and cloudy, 8, as against normals of 14, 8, and 9 days, respectively.

RIVER CONDITIONS.

Copious to heavy rainfall up-State on the 4-5th, 13th to 17th, and 28-29th were followed by moderate freshet conditions in the Saluda, Broad, Congaree, and Wateree Rivers. The Santee River was near or above flood stage throughout the month, but no material losses were reported. A flash flood occurred in the Pee Dee River at Cheraw on the 14th, entailing losses approximating $2,000, while the value of movable property saved by warnings was estimated at about $5.000.

MISCELLANEOUS PHENOMENA (dates).

Aurora.—Columbia, Garnett, Greenville, Landrum, Liberty, Oaks, Santuck, and Walhalla, 22.

Hail.—Aiken, Blackville, Meriwether, Monetta, and Walterboro, 28; Little Mountain, 5.

Halos—Lunar: Columbia, 2, 25. *Solar:* Charleston, 10; Columbia, 10, 18; Greenville, 2, 10, 18; Liberty, 18.

Fog, dense.—Catawba, 19; Charleston, 19; Liberty, 13.

MISCELLANEOUS DATA FOR MARCH, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.12	43.8	72	8	5.65	1.29	9.2	nw.	78	50	56	57
Augusta, Ga.....	30.09	54.1	82	23	9.15	3.25	7.1	s.	81	63	68	73
Charleston, S. C...	30.10	54.6	74	30	4.65	1.38	12.0	ne.	74	70	57	66
Charlotte, N. C ...	30.08	49.8	77	16	7.11	1.76	6.9	sw.	68	46	50	61
Columbia, S. C. ...	30.11	54.0	82	22	5.72	2.08	8.0	s.	76	54	60	68
Greenville, S. C...	30.07	49.6	76	16	8.26	2.04	9.6	sw.	70	53	58	65
Savannah, Ga.....	30.12	56.6	84	27	3.39	1.38	13.7	nw	73	51	68	76
Wilmington, N. C.	30.11	53.2	79	24	4.11	1.60	9.3	w.	78	62	72	63
Means and extremes	30.10	52.0	84	8	6.00	3.25	9.5	†s.	75	56	61	66

†Also sw. and nw.

Climatological Data for March, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	39	53.8	−3.9	82	29	22	8	36	6.23	+1.41	2.30	0	9	2	23	6	ne.	R. B. Vance.
Blackville	Barnwell	296	37	52.6	−5.5	87	27	19	† 7	48	5.61	+1.92	1.60	0	5	22	2	7	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	53.0	−5.2	80	15	15	2	50	10.65	+6.46	2.65	0	10	16	4	11	sw.	B. O. Evans.
Charleston	Charleston	48	49	54.6	−2.6	74	27	30	1	22	4.65	+0.93	1.38	0	9	11	7	13	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	53.0	−0.7	82	†26	18	8	42	5.00	+1.28	1.47	0	6	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	32	53.6	−3.2	81	12	23	† 8	47	5.06	+1.36	2.10	0	9	18	1	12	se.	Paul Quattlebaum.
Darlington	Darlington	175	25	52.7	−3.6	83	26	18	8	39	4.70	+1.39	1.75	1.0	8	19	0	12	.....	D. C. McCall.
Edisto	Bamberg	143	23	.....	....	.....	.....	.....	.....	.....	7.17	+3.11	2.00	0	11	..	....	....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	5.11	+1.04	1.78	T.	6	....	....	....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	52.2	−4.1	80	†13	21	9	49	6.52	+3.13	2.15	0	9	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	39	53.7	−2.1	85	27	22	8	46	4.14	+1.19	2.02	T.	5	14	9	8	sw.	H. K. Gilbert.
Florence 2	....do	82	2	55.6	.....	83	26	22	8	51	4.19	+1.24	2.12	0	6	22	6	3	s.	Pee Dee Experiment Sta.
Garnett	Hampton	12	28	54.8	−3.1	81	27	28	8	35	5.19	.....	1.99	0.2	10	13	9	11	nw.	Mauer B. Robert.
Georgetown	Georgetown	54	39	53.4	−3.9	80	12	23	† 2	48	5.25	+1.80	1.85	0	7	20	6	5	n.	A. P. Hazard.
Kingstree	Williamsburg	.....	5	.....	.....	.....	.....	†22	8	.....	6.95	+3.50	2.00	T.	10	19	2	10	s.	W. H. Matthews.
Oaks	Georgetown	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.43	.....	1.75	T.	8	14	5	12	s.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	53.9	.....	84	27	20	† 8	44	7.59	.....	1.93	0	9	16	8	7	se.	U. S. Fisheries Station.
Orangeburg 2	....do	264	....	.....	....	.....	.....	.....	.....	.....	6.94	.....	2.40	0	5	19	6	6	se.	State A. and M. College.
Paris Island	Beaufort	13	36	55.6	−3.2	84	30	24	8	36	2.16	−1.35	0.84	0	6	16	1	14	w.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	f55.8	−1.6	f78	12	e28	9	.....	5.66	+2.01	1.75	0	6	17	7	7	e.	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	7.60	.....	2.60	0	9	....	....	....	.....	William B. Wolfe.
St. George	Dorchester	109	39	d57.4	−0.5	a83	28	d21	9	d50	7.72	+4.19	1.90	0	8	26	0	5	ne.	Miss Alma T. Whiteside.
St. Matthews	Calhoun	192	30	52.2	−3.0	b81	16	.....	.....	.....	3.74	+0.22	1.50	0.2	7	....	....	....	.....	Miss Frances M. Antley.
Society Hill	Darlington	75	23	a55.6	−3.1	82	27	18	8	37	5.72	+1.36	1.70	0	10	20	2	9	s.	A. H. Rogers.
Summerville	Dorchester	69	18	a54.3	−6.5	82	27	a23	8	a48	5.35	+1.92	1.75	0	11	8	19	14	sw.	Miss E. H. Gadsden.
Walterboro	Colleton	13	1	.....	.....	a84	27	a21	9	a51	5.13	+1.27	1.51	0	10	19	1	11	.....	J. N. Frank.
Whitehall (near)	Colleton	24	32	54.8	−3.4	86	†12	19	8	52	6.03	+2.46	1.39	0	6	....	....	....	.....	Combahee Company.
Yemassee	Hampton	.....	....	54.0	−3.2	87	27	15	2	52	5.75	+2.14	1.73	0	7	16	4	11	e.	W. C. Hutson.
Division means and	extremes	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.65	T.	8	16	6	9	s.	
Western Portion.																				
Aiken	Aiken	527	59	54.4	−1.8	81	21	21	† 1	40	9.20	+5.19	2.35	0	8	20	0	11	nw.	Frank B. McCoy.
Anderson	Anderson	764	25	.....	.....	78	27	11	1	....	8.59	+3.56	2.75	0	11	21	0	10	w.	H. H. Russell.
Batesburg	Lexington	656	37	52.5	−2.6	79	27	18	1	36	8.47	+3.90	2.29	0	8	17	4	10	se.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	7.26	+3.69	2.60	0	9	....	....	....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	49.5	.....	83	28	12	8	47	9.74	+4.92	3.35	0	9	15	9	7	s.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	5.85	+2.06	1.90	0	9	....	....	....	.....	W. C. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	5.99	+1.86	1.94	0	7	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	6.46	+2.90	2.20	0	7	....	....	....	.....	J. J. Murray.
Clemson College	Oconee	850	29	48.8	−3.8	74	27	12	8	40	10.11	+5 27	2.26	0	7	18	7	6	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	53.2	−0.8	82	27	22	8	30	5.72	+2.02	2.08	T.	11	14	10	7	s.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	9.36	.....	2.60	T.	9	....	....	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	6.55	+1.84	1.47	T.	10	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	49.6	−1.0	76	27	15	8	28	8.26	+2.76	2.04	0	13	15	4	12	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	49.5	−3.7	80	†28	17	8	3	7.97	+3.90	3.10	0	8	19	0	12	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	51.8	−2.3	80	29	15	8	38	5.77	+2.10	1.82	0	6	16	8	7	sw.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	51.6	.....	82	29	15	8	42	5.71	.... ..	1.97	0	8	23	0	8	w.	John W. Hamel.
Landrum	Spartanburg	1063	5	48.7	.....	79	27	12	8	45	8.53	.....	1.46	0	10	19	4	8	.....	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	48.3	.....	77	†27	12	8	39	7.60	.....	2.57	0	6	19	0	12	.....	Perry A. Simpson.
Liberty	Pickens	900	21	49.4	−3.7	80	27	13	8	45	9.97	+4.56	1.85	0	12	15	7	9	sw.	John T. Boggs.
Little Mountain	Newberry	711	28	51.6	−4.5	79	27	18	8	39	5.57	+1.70	1.93	0	9	20	1	10	s.	J. M. Sense, M. D.
Meriwether	McCormick	450	18	c51.6	−5.2	b82	25	c20	9	c53	8.11	+3.65	1.95	0	9	13	7	11	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	53.2	−2.6	80	27	20	8	42	8.73	+4.86	2.50	T.	11	12	15	4	w.	Joseph M. Johnson.
Newberry	Newberry	502	17	52.6	−2.6	81	30	16	8	54	7.27	+3.32	1.50	T.	9	8	15	8	w.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	8.78	+3.98	2.00	0	11	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	51.6	−5.6	83	27	17	8	49	7.46	+3.40	2.30	0	7	19	5	7	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	49.1	−4.5	79	29	15	8	46	7.83	+3.37	2.30	0	8	13	13	5	nw.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	49.8	−5.6	79	27	13	8	45	7.21	+2.26	1.80	T.	9	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	28	51.6	−5.0	80	27	19	8	47	8.03	+3.60	2.00	T.	8	18	4	9	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	48.8	−2.6	78	27	10	8	42	9.27	+3.25	1.57	0	11	18	2	11	s.	H. W. Brandt.
Winnsboro	Fairfield	545	30	d52.0	−1.5	81	28	d17	8	d40	5.49	+1.40	2.80	T.	9	19	6	6	w.	Rev. Oliver Johnson.
Winthrop College ††	York	690	21	50.6	−3.3	80	27	14	8	44	6.15	+2.20	1.80	0	7	20	10	1	sw.	W. P. Goodman.
Division means and	extremes	.....	....	50.7	−3.6	83	27	10	8	54	7.63	+3.26	3.35	T.	9	17	5	9	w.	
Section means and	extremes	.....	....	52.3	−2.5	87	27	10	8	54	6.73	+2.83	3.35	T.	8	17	6	8	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. †† Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for March, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah	.15				.70								2.30				1 00	.45		.50						.15	.05		.05	.88		6.23
Blackville ‖‖	Edisto					T.								.90			1.60		.35									1.50	1.26				5.61
Bowman	do				.08	.55						T.		2.20				2.65		.77				.03			1.41		1.20	1.70		.06	10.65
Charleston ***	Coast	T.			.71	.67								.36				.74	T.	.47				T.	T	T.	.30		1.32	.04		.04	4.65
Cheraw ‖‖	Pee Dee	T.				1.36								1.47						.82	.21						.36			.78			5.00
Conway ‖‖	Waccamaw	.07				2.10							T.	.77				.07	.04		.11						.65		1.04	.21			5.06
Darlington ‖‖	Pee Dee	.10				1.36								1.75				T.	.12	.25	.25				T.		.05			.82			4.70
Edisto ‖‖	Edisto	.14				.64								2.00				.64	.67		.45						.43	.02	1.10	.54	.54		7.17
Effingham ‖‖	Lynches	T.				1.05								1.78					.11	T.	.41				T.			.16		1.60			5.11
Ferguson ‖‖	Santee					.96								2.15				.45	.52		.22					T.	.16	.15	1.52	.39			6.52
Florence 1 ‖‖	Pee Dee	T.				1.14								2.02				.06		.44										.48			4.14
Florence 2 ‖‖	do	T.				.60								2.12				.10		.40								.10	.87				4.19
Garnett	Savannah	.02			.30	.40								1.99				.90	.05	.70							.28		T.	.42		.13	5.19
Georgetown	Coast					1.85								.90				.30		.60							.65		.60	.35			5.25
Kingstree ‖‖	Black	.13				1.00								1.77				.30	.35		.20							.26	.62	2.00	.32		6.95
Oaks	do	.05			1.75									1.75			T.	T.		.50				T.	T.	.01	.80		.32	1.25		T.	6.43
Orangeburg 1	Edisto	.02			.05	.80								1.93				1.33	T.	.58					T.				1.23	1.63	.02	T.	7.59
Orangeburg 2	do				.80													1.20		.54									2.40	2.00			6.94
Paris Island	Coast	.23				.02								.84					.30									.75	.02				2.16
Pinopolis	Cooper				1.75								1.45				.20	.30											1.23	.73			5.66
Rimini ‖‖	Santee					.90								2.10				.39	.40		.30				.20		.35		.14	2.60	.22		7.60
St. George ‖‖	Edisto	.12				1.02								1.90			1.00							.60			1.55		.83	.60		.10	7.72
St. Matthews ‖‖	Santee	.01				.32								.91				1.50											.52	.31		.17	3.74
Society Hill ‖‖	do					1.58								1.70					.03	.29	.15				.13	.01	.20	.15		1.48			5.72
Summerville	Ashley	.11			T.	.02								1.75				.88		.38		.10			T.	T.	.34		.93	.75	.03	.06	5.35
Walterboro	Ashepoo				.60												.91		.08	.47				.03			.31		1.51	1.15	.05	.02	5.13
Whitehall (near)	Combahee					1.39								1.21				1.08	.09	.48										.26			4.51
Yeamassee ‖‖	Ashepoo	.22				1.03								1.40				1.35		.06	1.67							T.		T.	.30		6.03
Western Portion.																																	
Aiken	Edisto				.13	.81								2.35				1.53		.57									1.15	2.61		.05	9.20
Anderson	Savannah				.90	.19						1.50	1.25				.10	.63		1.00							.62		1.60	.70		.10	8.59
Batesburg ‖‖	Edisto	T.				.87								2.29				1.93	.32	.41							.65		.51	1.49			8.47
Blairs ‖‖	Broad	.09				1.70								2.60				.42	.04	.13	.36								.09	1.83			7.26
Calhoun Falls ‖‖	Savannah					1.07								3.35				.46	.20	.07	.53					T.	.93		1.03	2.10			9.74
Camden ‖‖	Wateree					1.65								1.90				.20	.10	.20	.35						.43		.12	.90			5.85
Catawba ‖‖	Catawba					1.45								1.94				.33		.77	.40								.10	1.00			5.99
Chappells ‖‖	Saluda					1.53								2.20				.33	.10		.35								.65	1.30			6.46
Clemson College	Savannah				1.50							T.		2.22				.96		1.50							1.01		2.26			.66	10.11
Columbia ***	Congaree				.56	.38							1.85	.23			.12	.44		.33					T.		.23		1.17	.29		.12	5.72
Edgefield ‖‖	Savannah	.10				.98								2.40				1.10	.50	.30							.48		.90	2.60			9.36
Gaston Shoals ‖‖	Broad	.12				1.02			T.				.04	1.35				.92		.13	.47						.78		.25	1.47			6.55
Greenville ***	Saluda				1.36							.02	1.84	.20			.50	.77	.17	.77						.02	.73		1.62	.09		.17	8.26
Greenwood ‖‖	do					1.36								2.20				.43	.10	.21	.48						.09				3.10		7.97
Heath Spring	Wateree				1.60								1.82					.14		.90							.19		1.12				5.77
Kershaw ‖‖	Lynches				.37	1.23							.97	1.00													.30		1.10	.66		.08	5.71
Landrum	Broad				.02	1.32							1.42	.37			.15	1.46		.99							1.28		.81	.71			8.53
Laurens ‖‖	Saluda				1.30						T.	.02	1.10	.20			.10	1.05		1.40						T.	1.85		2.25	.60		.20	7.60
Liberty	Savannah				.60	.20							.20	1.93				.53		.45							.10		1.00	.60			9.97
Little Mountain	Saluda				.36	.40							1.95			.85	.90	.05	.20	.58									1.95	.80	T.	T.	5.57
Meriwether	Savannah					.83							.02	2.50				1.65		.30					T.		.45		1.20	1.54		.10	8.11
Monetta	Edisto	.05			.11	.81							1.10	1.08				.90		.44									1.50	.50		.25	8.73
Newberry	Saluda	T.			.10	1.40								.02	2.00			.68	.04	.70	.76						.80		.56	1.94			7.27
Pelzer ‖‖	do	.04				1.24								2.30				1.35		.36									.98	1.16		.15	8.78
Saluda	do				.30	.86								1.00	1.00			.41		1.34									.80	.98			7.46
Santuck	Broad				.30	2.00								1.50				.48		.40	.60				T.		.63		.36	1.80			7.83
Spartanburg ‖‖	do	.04				1.40												1.52	T.	.50					T.		.25		1.00	2.00			7.21
Trenton	Edisto	T.			.19	.61							1.96					.63		1.08							1.33		1.57	.60		.17	8.03
Walhalla	Savannah				1.30	.04						T.	1.57	.60			.38	.33	.09	.16	.34					T.	.05		.04	1.53			9.27
Winnsboro	Broad	T.				.15								2.80				.45		.85									.80	.65			5.49
Winthrop College	Catawba					1.80							.80	.80																			6.15

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning: amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	51.4	82	23	1.85	7				
1888	52.1	80	19	6.71	9				sw.
1889	51.6	77	20	3.41	7				w
1890	52.5	85	11	2.96					sw.
1891	50.0	78	20	7.88					ne.
1892	52.8	78	23	3.78					nw.
1893	53.9	85	18	2.22	9	13	9	9	sw.
1894	59.3	90	15	2.08	7	15	11	5	sw.
1895	53.5	90	24	5.71	11	12	8	11	sw.
1896	53.1	93	19	2.12	5	14	10	7	sw.
1897	56.4	92	21	4.54	12	7	9	15	sw.
1898	59.1	92	22	2.99	7	11	9	11	ne.
1899	55.2	89	12	3.89	9	12	10	9	sw.
1900	51.6	79	22	4.22	9	12	8	11	sw.
1901	53.4	86	10	4.36	8	14	8	9	sw.
1902	54.0	86	19	4.08	10	14	7	10	sw.
1903	60.4	84	26	5.92	10	7	9	15	ne.
1904	56.2	87	23	3.42	9	13	9	9	ne.
1905	57.8	93	28	2.15	6	15	6	10	ne.
1906	51.6	82	18	5.34	10	13	6	12	w.
1907	62.0	99	20	1.57	5	15	10	6	sw.
1908	61.4	90	29	4.56	8	15	8	8	sw.
1909	54.1	90	27	4.80	11	14	8	9	sw.
1910	59.4	93	22	1.38	4	21	6	4	sw.
1911	54.9	90	22	2.30	7	17	8	6	w.
1912	53.2	88	15	6.79	10	14	5	12	ne.
1913	56.9	88	22	7.40	10	13	5	13	w.
1914	50.2	91	12	2.59	8	14	9	8	w.
1915	46.3	81	22	2.66	7	15	8	8	nw.
1916	53.7	87	15	2.14	5	19	8	4	sw.
1917	55.0	88	14	5.39	11	14	6	11	sw.
1918	59.7	89	29	1.83	6	16	8	7	sw.
1919	56.5	82	27	2.86	7	17	7	7	ne.
1920	52.3	87	10	6.73	8	17	6	8	sw.
Period	54.8	99	10	3.90	8	14	8	9	sw.

Daily Temperatures for March, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	47	45	56	63	65	53	47	42	48	60	62	75	63	55	59	69	79	68	70	71	63	62	66	70	71	74	80	80	82	72	78	64.4
	Minimum	26	25	30	41	38	28	28	22	24	29	42	54	48	34	40	49	61	60	57	48	38	38	42	53	55	55	54	62	62	49	48	43.2
Blackville	Maximum	48	58	60	66	60	51	48	48	55	62	79	80	78	68	71	80	71	66	65	65	65	68	70	74	72	79	87	71	73	74	67	67.1
	Minimum	22	27	32	37	26	20	19	19	23	28	44	45	40	30	38	50	59	58	50	46	34	39	42	44	43	49	31	49	46	43	45	38.0
Bowman	Maximum	46	55	60	65	70	66	60	51	64	65	74	75	65	75	80	80	70	75	70	70	68	65	66	72	70	65	80	67	70	72	70	67.8
	Minimum	22	15	30	35	33	30	25	17	24	33	35	48	45	30	32	35	50	55	50	50	33	32	45	47	50	51	48	47	45	41	40	37.8
Charleston	Maximum	44	49	55	61	59	46	52	44	53	56	65	72	65	59	63	74	68	64	69	65	58	60	62	68	65	70	74	69	72	68	64	61.7
	Minimum	30	32	40	48	43	31	32	30	33	36	48	61	44	37	46	57	60	56	56	51	45	47	54	57	57	58	56	57	64	53	50	47.4
Cheraw	Maximum	48	58	65	69	57	48	42	43	62	68	71	78	58	61	72	78	70	72	63	59	63	69	67	73	81	82	82	68	82	72	70	66.2
	Minimum	23	32	33	32	39	25	23	18	20	28	45	61	55	32	35	48	61	60	45	50	45	32	32	40	50	45	60	45	48	53	40	39.8
Conway	Maximum	48	58	65	69	57	48	42	43	62	68	71	78	58	61	72	78	70	72	63	59	63	69	67	73	81	82	82	68	82	72	70	66.1
	Minimum	23	32	33	32	39	25	23	18	20	28	45	61	55	32	35	48	61	60	45	50	45	32	32	40	50	45	60	45	48	53	40	39.8
Darlington §§	Maximum	44	48	60	66	59	55	49	47	58	66	73	81	71	60	69	77	71	69	79	65	62	65	65	72	70	77	80	79	73	71	67	66.1
	Minimum	24	26	22	34	45	28	25	23	23	26	39	59	51	33	36	54	63	54	52	51	32	34	48	55	46	58	48	48	48	45	42	41.0
	Maximum	47	55	63	69	60	48	45	46	59	66	73	79	58	62	70	77	68	74	65	64	63	67	66	73	78	83	83	69	76	72	67	66.0
	Minimum	25	24	30	34	42	25	24	18	20	27	38	51	51	33	38	50	58	47	51	45	31	31	44	50	46	60	50	46	52	41	39	39.4
Ferguson §§	Maximum	44	54	60	62	57	46	47	47	57	63	74	80	65	64	68	75	65	68	69	51	63	63	62	68	73	79	80	79	67	68	63	63.9
	Minimum	27	22	30	37	44	29	25	25	21	25	25	48	56	33	34	49	62	57	54	49	33	38	41	54	49	50	48	45	41	40.6		
Florence I	Maximum	47	59	66	68	59	55	46	49	62	68	77	78	58	63	74	77	68	75	74	70	66	60	67	70	74	76	85	68	75	78	67	67.1
	Minimum	27	29	33	37	46	27	27	22	24	31	43	56	56	33	40	53	60	52	43	42	38	33	36	38	40	42	46	52	56	46	42	40.3
Garnett	Maximum	26	29	33	37	46	27	27	22	24	31	43	56	56	33	40	53	60	52	43	42	38	33	36	38	40	42	46	52	56	46	42	43.3
	Minimum	45	57	66	67	59	49	49	51	60	65	78	82	70	64	71	81	69	68	76	64	64	64	70	75	71	78	83	83	80	72	72	67.8
Georgetown	Maximum	28	24	29	41	39	28	26	22	24	27	43	55	49	33	37	50	60	58	55	49	37	39	50	53	60	60	49	55	62	51	50	64.3
	Minimum	45	54	58	62	60	53	53	50	50	64	75	80	61	62	68	76	71	64	68	65	55	63	65	71	70	75	81	60	72	69	81	64.5
Kingstree	Maximum	45	53	58	67	64	52	49	46	56	63	74	80	68	58	68	75	70	67	73	62	59	64	64	70	74	79	78	74	70	68	63	64.8
	Minimum	27	23	32	37	45	28	26	23	23	26	39	59	48	33	40	53	61	56	52	41	35	35	49	54	49	59	51	52	57	47	45	42.1
Oaks	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	58	34	48	54	45	52	45	46	56	46	45	[f]38.4
	Minimum	29	30	38	39	42	28	25	22	23	25	42	58	....	34	35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orangeburg 1	Maximum	46	57	62	68	58	47	47	49	59	64	76	69	81	61	72	80	70	73	69	64	60	65	67	70	76	83	84	63	71	71	64	66.0
	Minimum	26	24	32	39	38	27	28	20	20	28	40	47	54	34	37	49	60	58	56	47	36	36	47	51	51	59	52	52	59	45	44	41.8
Paris Island §§	Maximum	45	55	58	69	55	49	51	49	56	72	77	72	64	59	68	78	73	73	76	65	62	62	68	71	74	75	80	71	84	71	72	66.3
	Minimum	30	32	39	45	41	31	31	24	33	36	44	56	56	....	41	53	52	56	55	55	50	45	46	53	55	56	60	55	53	61	56	50	45.0
St. George	Maximum	45	59	63	....	59	52	50	51	62	64	77	82	70	63	70	67	69	77	70	65	73	76	72	71	74	80	78	83	70	73	62	67.6
	Minimum	....	....	....	....	41	49	42	40	21	27	40	56	50	33	39	60	59	52	48	44	47	52	37	54	53	60	63	51	62	49	45	[d]47.2
St. Matthews §§	Maximum	....	....	....	64	....	....	....	....	....	....	....	76	....	77	....	....	81	....	....	....	....	....	....	....	....	....	....	....	49	....	49	44	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	46	44	34	29	38	....	....	....	....	....	....	....	....	....	....	....	....	68	78	72	70	64.6
Society Hill §§	Maximum	23	27	31	....	39	....	....	....	....	....	....	46	44	34	29	38	....	....	....	....	....	....	....	....	....	....	....	....	68	78	72	70	64.6
	Minimum	45	55	61	67	58	47	42	44	56	66	69	77	57	61	69	77	69	70	64	61	61	61	64	65	71	77	81	82	68	78	72	70	64.6
Summerville	Maximum	25	26	30	33	46	25	25	18	21	29	40	54	55	32	38	49	60	47	51	43	31	31	42	50	47	59	49	49	52	42	39	39.9
	Minimum	45	57	61	69	61	56	51	50	60	65	75	79	69	62	69	76	68	69	77	65	63	65	67	71	71	80	82	71	72	71	68	66.6
Walterboro	Maximum	28	24	32	39	43	28	27	23	25	27	41	56	51	33	36	49	62	60	55	50	....	35	51	55	51	59	49	50	62	48	43	[a]43.1
	Minimum	45	57	61	69	61	56	51	50	60	65	75	80	68	65	77	68	72	72	67	64	65	....	66	77	72	79	84	72	71	72	62	[a]65.7
Yemassee	Maximum	52	52	62	69	59	50	52	52	61	65	75	80	68	65	77	68	72	72	67	64	65	....	51	57	51	65	46	53	61	50	42	[a]41.9
	Minimum	22	23	30	39	41	26	27	20	21	24	31	58	42	31	47	62	58	58	47	36	35	....	51	57	51	65	46	53	61	50	42	41.9
	Maximum	46	54	64	68	54	49	49	51	60	65	76	86	86	69	72	80	68	66	77	65	64	68	70	71	71	84	83	74	71	72	66	67.8
	Minimum	27	23	34	40	44	25	25	19	23	25	43	43	50	33	34	49	60	58	54	49	35	38	51	53	52	58	47	50	61	48	41	41.7
Western Portion.																																	
Aiken	Maximum	47	53	62	62	55	50	47	46	58	61	75	76	68	60	68	77	75	69	68	63	61	64	68	66	74	80	81	79	80	74	68	65.6
	Minimum	21	30	35	41	36	22	26	21	26	35	49	58	43	32	42	53	61	57	57	45	39	41	47	53	54	61	51	52	57	43	48	43.1
Anderson	Maximum	50	55	52	48	50	40	40	48	55	60	56	60	55	55	61	58	56	68	62	55	61	62	68	68	72	68	78	64	70	67	58	58.7
	Minimum	11	17	25	31	31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	46	51	56	49	52	51	38	48	....
Batesburg	Maximum	45	52	60	62	54	45	42	44	54	62	73	74	52	59	65	67	63	66	65	62	64	62	65	64	65	76	79	70	74	69	58	61.7
	Minimum	31	28	35	44	37	34	26	18	27	37	46	59	46	32	41	50	58	56	56	54	38	39	46	49	51	58	53	52	55	43	44	43.3
Calhoun Falls §§	Maximum	53	56	62	57	52	50	40	46	60	65	72	65	51	62	66	76	64	68	65	62	62	65	68	70	74	73	83	61	74	71	56	62.9
	Minimum	17	17	21	32	34	21	21	12	13	21	34	45	41	30	32	39	48	54	50	42	30	34	37	40	47	51	45	47	51	35	36	34.7
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clemson College	Maximum	46	49	55	55	52	47	46	42	52	58	61	62	58	55	63	63	62	66	65	70	65	60	66	67	69	70	74	62	72	66	59	59.9
	Minimum	22	20	28	26	39	23	26	12	20	28	45	49	48	32	35	47	56	45	56	35	31	33	36	41	54	57	45	50	54	36	38	37.6
Columbia	Maximum	46	53	61	65	54	46	44	45	58	62	73	73	56	60	68	76	63	70	67	60	61	63	65	67	71	79	82	63	79	71	58	68.2
	Minimum	25	28	37	40	33	28	27	22	28	34	48	56	38	33	44	51	60	55	56	44	38	40	47	53	55	60	54	55	54	44	46	43.1
Greenville	Maximum	45	52	58	54	51	45	36	41	53	59	62	62	54	56	62	59	64	68	63	55	58	61	63	66	68	71	76	63	74	65	60	58.8
	Minimum	22	27	34	39	28	24	22	16	25	37	48	54	34	31	43	50	54	47	54	43	37	40	43	48	55	57	52	50	51	44	45	46.5
Greenwood	Maximum	40	46	54	60	59	53	45	40	43	50	60	69	65	48	59	65	73	62	54	55	57	63	69	68	70	71	74	80	75	69	60.5	
	Minimum	21	21	25	32	38	24	25	17	21	30	37	50	44	32	35	44	53	50	42	38	35	41	45	42	51	54	50	55	56	47	42	38.5
Heath Spring	Maximum	48	52	55	62	60	57	52	46	52	63	62	65	60	57	65	71	70	66	65	61	62	60	64	66	70	75	76	77	80	75	71	63.2
	Minimum	21	27	32	37	45	24	25	15	25	35	42	56	46	30	41	51	59	47	50	44	34	34	41	50	50	58	50	49	53	42	44	40.5
Kershaw	Maximum	48	50	60	65	56	45	40	43	57	65	65	72	58	59	68	71	72	71	66	61	61	64	66	69	76	80	81	59	82	69	66	63.4
	Minimum	21	27	32	37	45	24	25	15	25	35	42	56	46	30	41	51	59	47	50	44	34	34	41	50	49	58	49	50	55	41	41	39.8
Landrum	Maximum	48	50	60	65	56	45	40	43	57	65	65	72	58	59	68	71	72	71	66	61	61	64	66	69	76	80	81	59	82	69	66	63.4
	Minimum	22	26	31	35	40	25	24	15	23	30	44	50	39	30	40	58	60	49	52	42	31	33	41	50	49	58	49	50	55	41	41	39.8
Laurens §§	Maximum	46	52	58	52	51	42	37	43	56	66	60	59	57	58	61	59	67	68	65	60	60	64	60	67	68	75	79	70	76	67	65	60.3
	Minimum	22	26	25	30	30	23	24	12	21	30	42	51	38	29	42	47	56	40	54	42	35	32	33	44	51	53	44	47	52	40	35	37.1
Liberty	Maximum	47	52	59	58	49	45	41	43	51	63	64	63	51	59	65	74	62	69	63	58	60	62	66	67	73	74	77	58	77	69	59	60.6
	Minimum	16	19	26	28	39	21	19	12	16	24	37	49	46	27	36	41	52	47	47	42	29	31	34	42	51	57	41	44	51	57	36	36.0
Little Mountain	Maximum	48	52	59	51	52	42	48	44	58	59	65	61	45	59	65	60	65	71	64	61	63	65	67	70	70	73	80	67	74	69	58	60.8
	Minimum	19	20	21	37	39	22	21	13	18	44	46	52	38	29	40	48	55	42	55	43	32	32	41	47	54	55	45	50	56	35	38	38.1
Meriwether	Maximum	45	54	60	62	53	45	45	40	55	63	71	71	59	55	65	70	73	68	64	58	60	63	66	70	76	78	79	68	78	68	60	62.6
	Minimum	21	21	33	40	38	23	24	18	25	35	48	53	40	32	40	50	53	53	56	43	35	40	40	45	48	50	52	51	55	50	44	40.5
Monetta	Maximum	45	54	60	62	53	45	45	40	55	63	75	74	53	40	32	40	50	53	53	56	43	35	40	40	45	48	50	52	51	55	50	44	[b]64.9
	Minimum	21	21	33	40	38	23	24	18	25	35	48	53	40	32	40	50	53	53	56	43	35	40	40	45	48	50	52	51	55	50	44	40.5
Newberry	Maximum	40	56	62	....	54	50	45	48	60	63	75	74	65	65	70	74	68	69	60	64	68	70	70	82	70	....	70	72	74	78	[c]38.2	
	Minimum	21	22	30	....	30	22	25	25	20	22	46	45	49	31	42	48	50	54	52	47	31	32	....	45	50	46	....	50	50	48	46	64.5
Salnda	Maximum	45	52	61	62	56	49	45	44	60	62	75	74	64	59	67	76	75	73	66	60	62	64	67	65	73	73	80	71	80	70	67	64.5
	Minimum	25	27	33	39	37	25	27	20	27	34	46	57	44	34	34	50	60	56	57	45	35	37	44	50	51	59	52	52	56	41	42	41 8
Santuck	Maximum	48	49	60	62	55	48	50	45	59	64	70	75	71	61	71	77	71	71	68	65	62	65	66	68	74	80	78	83	80	81	78	65.9
	Minimum	19	22	21	36	40	23	25	16	21	27	21	56	43	30	37	37	60	53	53	53	44	31	35	43	49	55	55	57	53	55	57	50	39.5
Spartanburg	Maximum	49	54	61	61	62	57	44	46	60	63	74	75	74	61	67	76	71	71	66	65	64	65	68	68	73	78	83	76	80	71	60	65.9
	Minimum	20	20	29	32	34	25	24	17	18	25	35	36	41	29	41	51	59	56	57	44	30	31	35	47	46	60	42	45	56	34	37	37.3
Trenton	Maximum	42	50	60	60	50	42	44	42	58	65	66	64	53	50	64	66	72	66	64	60	67	62	60	68	70	72	78	70	79	72	69	61.5
	Minimum	18	24	30	32	39	28	23	15	19	31	40	43	36	19	38	41	54	43	56	38	31	31	38	42	50	52	54	50	50	36	36	36.7
Walhalla	Maximum	47	55	60	57	52	44	36	45	58	65	65	61	57	60	64	73	64	71	66	62	61	65	66	68	71	72	79	72	75	68	63	62.0
	Minimum	20	20	30	30	32	21	22	13	20	34	42	51	41	28	39	48	47	42	55	41	30	34	38	45	51	56	50	49	53	39	41	37.5
Winnsboro	Maximum	37	52	61	61	56	46	41	44	58	62	70	74	60	59	66	75	70	69	66	61	62	65	67	70	74	78	80	76	80	70	59	63.5
	Minimum	20	20	30	30	32	21	22	13	20	34	42	51	41	28	39	48	47	42	55	44	40	37	45	49	52	51	56	53	50	43	44	39.8
Winthrop College	Maximum	47	54	60	64	53	46	42	44	58	64	67	70	53	59	67	76	65	71	64	58	62	64	67	68	76	79	81	66	80	70	63	63.2
	Minimum	20	19	26	38	35	20	22	10	18	32	45	52	40	26	32	46	55	43	55	40	30	33	43	46	54	53	42	52	56	50	51	52	40	45	[d]40.9
	Maximum	47	54	60	64	53	46	42	44	58	64	67	70	53	59	67	76	65	71	64	58	62	64	67	68	76	79	81	66	80	70	63	63.2
	Minimum	19	27	34	....	....	....	....	....	17	23	33	38	52	51	30	34	46	53	51	52	43	33	36	41	44	52	56	50	51	52	40	45	61.6
	Maximum	45	51	54	63	53	46	35	38	56	65	62	56	50	66	68	68	70	70	61	62	65	67	72	74	76	80	67	78	70	65	61	61.6
	Minimum	19	25	33	33	39	24	22	14	21	35	48	54	41	35	45	52	52	44	55	44	34	34	38	46	50	49	48	50	54	44	40	39.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Total Precipitation, Inches, March, 1920.

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CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

APRIL, 1920

BY

RICHARD H. SULLIVAN

METEOROLOGIST

WEATHER BUREAU OFFICE

COLUMBIA, S. C.

May 26, 1920

Departure of the Mean Temperature from the Normal, April, 1920.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., APRIL, 1920 No. 4.

GENERAL SUMMARY.

The month was unusually wet, particularly in the Piedmont sections, with an unusual number of severe local disturbances and locally excessive rains. While the mean temperature was only slightly below normal, there was a prolonged period of abnormally cool weather between the 5th and 15th, which was nearly offset by preceding and succeeding warm waves.

Thermal and moisture conditions reflected the progress of spring farm work, which was 2 weeks to a month backward at the beginning of the month. Little or no plowing could be done up-State during the first half of the month on account of wet soil, but fair progress was made during the last half, despite the intermittent showers. Cotton, corn, truck, and garden planting extended northward and eastward over the central and eastern counties by the 20th, with fair to good stands generally, and cotton chopping was in progress in the more southern sections during the closing week. Winter cereals maintained satisfactory condition, except in the northern and northeastern counties, where prospects were not so good; oats and rye were heading in some localities at the end of the month. A fine crop of asparagus was marketed during the month. Tobacco transplanting began during the closing week, but plants were rather scarce incident to the late spring frosts. Tree fruits were promising, with little or no frost damage. Pastures for stock was generally excellent. The month closed with farm work generally about 3 weeks late.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 29.89 inches. The highest pressure in the region covered by reports was 30.24 inches at Columbia on the 25th; the lowest pressure was 29.34 inches at Charlotte, N. C., on the 5th, and in the Section proper, 29.37 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 45 stations, was 61.4°, or 0.9° below the established normal. The highest temperature was 94° at Florence No. 1, Florence County, on the 22d. The warmest periods were during the first 4 days and from the 17th to 24th. The lowest temperature was 26° at Landrum, Spartanburg County, on the 5th, and at Santuck, Union County, on the 14th. The coldest periods were between the 5th and 15th and during the closing week. The latest general spring killing frosts or freezing temperatures occurred in the central and northern portions on the 5th and in the higher elevations of the Piedmont on the 14th.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 77%; noon, 60%; 8 p. m., 68%. The highest percentages occurred in the coast districts, and the lowest, over the extreme northern counties.

PRECIPITATION.

The average for the Section, 59 stations reporting, was 5.13 inches, or 2.21 inches above the established normal. The weather was generally rainy during the first half of the month, particularly over the Piedmont, but the showers became more or less intermittent during the last half. The rainfall was much above normal, except in small sections of the interior; in the extreme northwestern counties, and in Florence and Georgetown Counties, the total monthly amounts ranged from 7 to over 13 inches, and elsewhere the measurements ranged downward to less than 3 inches in portions of Newberry, Lancaster, Orangeburg, and Clarendon Counties. The greatest local monthly amount was 13.40 inches at Liberty; least local monthly amount, 2.77 inches at Ferguson, Orangeburg County. The greatest amount during 24 hours at any station was 2.92 inches at Clemson College, Oconee County, on the 21st. The number of rainy days was 43% above normal.

The month was marked by an unusual number of tornadoes, damaging hailstorms, and excessive rains of short duration. Six tornadoes were reported, which injured 15 persons and damaged property approximating $160,000 in value. Two hailstorms caused about $10,000 damage, in addition to about 30% of new crops that will have to be replanted. A series of unusually severe local thunderstorms occurred from Oconee to York County on the 20th and 21st. (See special article).

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 8 anemometer records, was 10.4 miles. The highest average was 13.9 miles per hour at Savannah, Ga., and in the Section proper, 12.6 miles per hour at Charleston; the lowest average velocity was 7.4 miles per hour at Charlotte, N. C., and in the Section proper, 8.8 miles per hour at Columbia. The highest velocity for any 5-minute period was 60 miles per hour from the west at Greenville on the 20th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 231.1 hours, or 59% of the possible amount. The average number of clear days was 13; partly cloudy, 6, and cloudy, 11, as against normals of 15, 8, and 7 days, respectively.

RIVER CONDITIONS.

Copious to heavy rains in the upper Santee basin, culminating about the 5th, were followed by freshet conditions in all the upper tributaries, the run-off maintaining flood stages in the Santee River throughout the month. The unavoidable losses approximated $1,150, and the value of movable property saved by warnings was estimated at $60,000. Two flash floods occurred in the Pee Dee River at Cheraw, incident to the same series of rains, entailing losses estimated at $4,000, and the value of movable property saved by warnings approximated $5,000.

MISCELLANEOUS DATA FOR APRIL, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	29.89	52.9	81	25	5.43	2.39	11.8	nw.	76	50	56	64
Augusta, Ga.	29.89	63.4	86	34	4.94	1.56	7.5	s.	77	65	67	60
Charleston, S. C.	29.90	64.0	84	36	7.40	2.64	12.6	s.	76	61	77	64
Charlotte, N. C.	29.88	57.8	86	30	5.40	1.48	7.4	sw.	74	56	60	62
Columbia, S. C.	29.90	61.9	87	32	3.41	1.26	8.8	sw.	74	60	68	55
Greenville, S. C.	29.86	57.4	86	29	7.18	1.91	11.0	sw.	76	60	60	61
Savannah, Ga.	29.92	65.0	86	38	6.35	2.25	13.9	s.	77	62	74	57
Wilmington, N. C.	29.90	61.6	88	36	4.69	1.31	10.4	sw.	83	69	78	50
Means and extremes	29.89	60.5	88	25	5.60	2.64	10.4	sw.	77	60	68	59

Climatological Data for April, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Allendale	Allendale	186	39	63.4	−0.9	89	22	33	6	45	5.87	+3.29	1.82	0	11	5	21	4	ne.	R. B. Vance.
Blackville	Barnwell	296	37	62.8	−1.1	91	21	32	6	42	4.85	+1.55	1.52	0	7	12	9	9	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	62.2	−1.3	90	21	31	6	43	5.54	+2.06	1.40	0	8	13	9	8	sw.	B. O. Evans.
Charleston	Charleston	48	49	64.0	+0.2	84	17	36	6	27	7.40	+4.41	2.64	0	12	10	5	15	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	60.8	−0.6	92	21	30	6	40	3.70	+0.88	0.98	0	5	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	32	6.22	−0.6	90	†21	34	6	34	5.16	+2.25	1.29	0	9	12	0	18	sw.	Paul Quattlebaum.
Darlington	Darlington	175	25	61.8	+0.1	91	22	33	6	39	4.56	+1.65	1.30	0	9	15	1	14	.....	D. C. McCall.
Edisto	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	5.09	+1.94	1.20	0	11	..	....	....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	4.98	+1.80	1.91	0	9	....	....	....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	61.9	−0.2	87	21	32	6	35	2.77	−0.03	0.93	0	5	....	....	..	.....	Henry C. Savage.
Florence 1	Florence	136	39	63.4	+1.0	94	22	32	6	43	4.81	+2.04	1.55	0	10	11	12	7	sw.	H. K. Gilbert.
Florence 2	....do	136	5	.....	.....	.....	.....	.....	.....	.....	7.45	+4.68	2.30	0	9	22	2	6	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	65.2	.....	89	†20	34	6	41	5.60	.....	0.84	0	12	11	7	12	se.	Mauer B. Robert.
Georgetown	Georgetown	12	28	62.4	−1.1	86	23	35	10	36	9.06	+5.76	2.25	0	10	12	11	7	n.	A. P. Hazard.
Kingstree	Williamsburg	54	39	64.4	+1.3	90	22	35	6	38	3.74	+1.08	1.00	0	7	19	2	9	w.	W. H. Matthews.
Oaks	Georgetown	.....	5	.....	.....	88	†21	[g]32	6	.....	3.96	.....	0.88	0	10	15	8	7	sw.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	63.7	.....	91	21	33	6	40	4.19	.....	0.91	0	8	10	9	11	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	.....	.....	.....	.....	.....	.....	.....	.....	3.08	.....	1.10	0	6	15	7	8	se.	State A. and M. College.
Paris Island	Beaufort	13	36	66.2	+1.5	83	† 4	39	6	27	4.17	+1.80	1.50	0	6	10	5	15	w.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	61.8	−0.6	84	†21	38	6	.....	5.98	+3.01	1.88	0	9	13	9	8	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	4.58	.....	1.25	0	9	.....	.....	.....	.....	William B. Wolfe.
St. George	Dorchester	109	39	64.0	0.0	89	21	34	6	41	8.49	+5.63	1.90	0	12	24	0	6	nc.	Miss Alma T. Whiteside.
St. Matthews	Calhoun	62	39	64.1	+1.1	89	†21	31	6	42	4.67	+1.63	1.47	0	10	16	6	8	w.	Miss Frances M. Antley.
Society Hill	Darlington	192	30	60.8	−1.0	91	22	29	6	38	4.66	+1.37	1.60	0	11	16	4	10	s.	A. H. Rogers.
Summerville	Dorchester	75	23	63.7	+0.4	86	17	32	6	43	5.57	+2.09	1.13	0	11	7	16	7	sw.	Miss E. H. Gadsden.
Walterboro	Colleton	69	18	[c]64.6	−0.6	[c]90	†17	[d]31	6	[c]42	5.52	+2.19	1.51	0	6	20	1	9	.....	J. N. Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	4.67	.....	1.32	0	6	....	....	....	.....	Combahee Company.
Yemassee	Hampton	24	32	64.2	+0.4	88	21	33	6	42	5.60	+2.77	1.74	0	9	10	4	16	s.	W. C. Hutson.
Division means and	extremes	.....	....	63.2	+0.2	94	22	29	6	45	4.97	+1.91	2.64	0	9	13	8	9	sw.	
Western Portion.																			
Aiken	Aiken	527	59	63.3	+0.4	86	21	29	6	41	4.57	+1.45	1.35	0	11	16	0	14	se.	Frank B. McCoy.
Anderson	Anderson	764	25	58.6	−2.7	85	17	30	6	40	5.58	+2.31	1.35	0	9	19	2	9	w.	H. H. Russell.
Batesburg	Lexington	656	37	60.8	−0.6	88	22	32	6	37	3.79	+0.70	0.82	0	11	13	9	8	s.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	3.80	+1.69	0.93	0	11	....	..	....	....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	57.6	.....	88	17	28	6	43	4.00	+0.42	1.08	0	10	12	8	10	w.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	5.27	+1.69	2.00	0	10	....	....	....	.....	W. C. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	5.57	+3.17	1.65	0	12	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	4.80	+2.60	1.25	0	11	....	..	....	.....	L. J. Murran.
Clemson College	Oconee	850	29	58.8	−0.6	82	22	30	† 6	38	7.55	+3.77	2.92	0	13	13	7	10	se.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	61.8	−1.0	87	21	32	6	30	3.41	+0.55	1.26	0	10	12	5	13	sw.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	4.05	.....	0.80	0	10	....	....	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	7.29	+4.07	1.18	0	12	..	..	..	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	57.4	−0.9	86	17	29	6	32	7.18	+3.50	1.91	0	11	13	5	12	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	59.2	−1.9	85	22	30	7	39	4.40	+1.47	1.52	0	8	14	0	16	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	61.1	+0.7	86	22	30	6	41	3.00	+0.07	0.72	0	7	14	4	12	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	60.8	.....	88	22	30	6	41	2.56	....	0.96	0	7	16	0	14	w.	John W. Hamel.
Landrum	Spartanburg	1063	5	57.8	.....	88	†17	26	6	44	10.66	.....	1.71	0	12	14	4	12	.....	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	[a]57.0	.....	[a]85	17	[a]29	† 6	[a]38	4.02	.....	0.95	0	7	15	6	9	.....	Perry A. Simpson.
Liberty	Pickens	900	21	59.4	−0.9	87	17	29	6	40	13.40	+8.77	2.80	0	15	14	7	9	s	John T. Boggs.
Little Mountain	Newberry	711	28	60.4	−1.5	84	22	30	6	38	2.88	−0.29	0.80	0	6	19	0	11	sw.	J. M. Sease, M. D.
Meriwether	McCormick	450	18	[d]58.4	−4.1	[d]89	21	[d]27	6	[d]44	3.89	+0.72	1.20	0	6	...	....	....	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	[a]62.0	−2.0	[a]86	22	29	6	[a]43	3.56	+0.93	1.08	0	12	10	10	10	sw.	Joseph M. Johnson.
Newberry	Newberry	502	17	61.6	−0.4	89	22	30	6	40	3.45	+0.68	0.75	0	9	9	9	12	se.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	6.38	+2.84	1.30	0	14	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	61.2	−1.3	89	22	30	6	39	4.81	+2.34	0.93	0	13	15	2	13	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	60.2	0.0	89	22	26	14	46	4.34	+1.06	0.70	0	11	12	5	13	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	58.8	−1.4	86	†17	27	6	41	7.34	+4.27	1.90	0	14	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	28	61.1	−1.0	85	21	30	6	38	4.42	+1.09	1.30	0	6	12	6	12	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	57.4	−0.8	86	17	27	6	43	10.06	+5.44	2.60	0	13	13	3	14	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	30	60.2	−0.9	88	23	29	6	34	3.22	+0.45	0.50	0	12	14	4	12	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	21	60.6	+0.1	86	22	29	† 6	41	4.31	+1.29	0.65	0	13	15	8	7	n.	W. P. Goodman.
Division means and	extremes	.....	....	59.8	−1.2	89	†21	26	† 6	46	5.28	+2.02	2.92	0	11	14	5	11	w.	
Section means and	extremes	.....	....	61.4	−0.9	94	22	26	† 6	46	5.13	+2.21	2.92	0	10	13	6	11	nw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. †† Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for April, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale |||	Savannah	.05		1.00	.82	.12					1.10	.03		.80				.55		.05	T.							.25	1.10				5.87
Blackville |||	Edisto			1.02	.50						.90			.40				.40															
Bowman	do		1.08	1.40		.16				.88			T.				.15										.78	.85				4.85
Charleston ***	Coast		.51	1.76	T.	.14				.69	.03		.08				.37		T.	2.63	.01	T.			T.		T.	.67	.90	.30				5.54
Cheraw |||	Pee Dee			.59	T.	.49				T.	.97																.04	.81	.33				7.40
Conway |||	Waccamaw	.06	.15	.46	.28	.06				T.	1.29	T.		.48				.34									.11	.98	.67	.97	.96		3.70 / 5.16
Darlington |||	Pee Dee		.12	.52	.28	.12				T.	.95			.50							T.						.17	1.30	.60				4.56
Edisto |||	Edisto	.05		.96	.53	.11					1.11			.11				.23		.13				.05			.61	1.20				5.09
Effingham |||	Lynches	.07		.52	.37	.09					.92	.05									T.	1.05					1.36	.55				4.98
Ferguson |||	Santee	T.		.93	.70					T.	.87							.15		.12	T.											2.77
Florence 1 |||	Pee Dee	.08		.45		.10				.04	.80			.20				.03			.03						1.53	1.55				4.81
Florence 2 |||	do			.87	1.10	.22	.12			1.10	.14																.05	2.30	1.55				7.45
Garnett	Savannah		.73	.80	.34	.21				.84	.45		.22				.57			.05		.04					T.	.64	.71				5.60
Georgetown	Coast		1.85	.25	1.10					.35	1.85		.11	.85			.20	.25									2.25						9.06
Kingstree |||	Black				.47	.42					1.00			.12								.49			T.			.48	.76				3.74
Oaks	do		.74	T.	.45	T.				.74	.10		T.	.07			.06	.14		.05								.88	.73				3.96
Orangeburg 1	Edisto			.91	.50	.04					.90			.43				.25		T.								.62	.54				4.19
Orangeburg 2	do		1.02	.55						1.10																	.10	.05					3.08
Paris Island	Coast	.10			1.50	.50							.05				.26																4.17
Pinopolis	Cooper		1.88	.88							1.02		.10				.60			.35								1.07					5.98
Rimini |||	Santee		.25	.80	.37	.15				.88							.30	.10	.12								.96	.62				4.58
St. George |||	Edisto	.10	.67	1.10	.20	.95					.80			.55				.18		.05							1.25	.65				8.49
St. Matthews |||	Santee	.17		.47	.21					.91			.56		.20			.19		.78	.30						1.90	.95				4.67
Society Hill |||	do	.02	.04	.50	.18	.07				.08	1.04			.05				.06							.02		1.47	.60				4.66
Summerville	Ashley		.73	.30	.79					.71	.54		T.		.02		.43	.02		.20	T.	T.				T.	1.13	.70				5.57
Walterboro	Ashepoo		1.51	1.22						.71										.05							1.60	1.03				5.52
Whitehall (near)	Combahee			1.32	.50					1.03		.04						.57									.83	.78				4.67
Yemassee |||	Ashepoo	.11		.72	1.30	.04					.94			.14				.53									1.25					5.60
Western Portion.																																	
Aiken	Edisto		1.35		.23					.43	.33			.57			.28			.17			.25	.10			.63	.23				4.57
Anderson	Savannah	.78	.56		.68	.25				1.23							.07					.54				.12	1.35					5.58
Batesburg |||	Edisto	T.	.74	.39	.04	.31				T.	.82			.17				.16		.04		T.		T.	.03		.47	.62				3.79
Blairs ||	Broad	.26	.62	.19	.08	.85				.08	.59			.15								.25					.32	.41				3.80
Calhoun Falls |||	Savannah	.21	1.08		.20	.45				.21	.53			T.				.06				.49			T.		.42	.35				4.00
Camden ||	Wateree	.05	.40	.50	.10	.65				.04	.63			.10													2.00	.80				5.27
Catawba ||	Catawba	.50	.10	.40	.11	1.25				.10	.40			.15													.65	1.00				5.57
Chappells |||	Saluda	.20	.50	.35	.15	1.00				.30	.40			.55			.10	.10				.36		.55			.95	.30				4.80
Clemson College	Savannah	.61	.15	T.	1.40			.03		.85			1.02				.23		.01		.03	2.92	.10			T.	.15	.05				7.55
Columbia ***	Congaree	T.	.83	.10	.10					.79			.04	.05			.02	T.	T.														3.41
Edgefield |||	Savannah	.10	.80	.30	.25					.25	.45			.25				.15					T.	.01		T.	.65	.82				4.05
Gaston Shoals |||	Broad	.84	.88		.50	1.18				.23	.54			1.05				.11			.02	1.03					.20	.71				7.29
Greenville ***	Saluda	.62	.60	.27	.98			T.		.77			1.27				.09	.03		T.	1.91		T.	T.		T.	.32	.32				7.18
Greenwood |||	do	.20	.81			1.52				.28	.52							T.				.21					.70	.16				4.40
Heath Spring	Wateree	.15	.65			.72				.48			.19								.10						.71					3.00
Kershaw |||	Lynches	.07		.63		.30					.47			.13													.59	.37				2.56
Landrum	Broad	.84	1.02		.96	1.29				.92			.97	T.			.33				.08	1.66		1.71			.54	.34				10.66
Laurens |||	Saluda		.55		.85	.49				.95			.02									.46					.70					4.02
Liberty	Savannah	.30	1.66	T.	.75	.50		.02		1.10			2.54	1.96			.20		T.	.02	2.80	.10			.02	.10	1.38					13.40
Little Mountain	Saluda		.80	.15	.36					.62			T.				.20								T.	.75						2.88
Meriwether	Savannah			1.20						.94			.10				.25								.20	1.20						3.89
Monetta	Edisto	T.	1.03	.09	.06					.62	.18		.02				.23		.04			.01		.01	T.	1.08	.19					3.56
Newberry	Saluda		.75		.10	.70				.70		.05	.10	.50			.10		T.		T.		T.		T.	.45						3.45
Pelzer |||	do	1.30	.66		.76	.32				.36	.60			.38				.18		.02	.02	.62				.04	1.08	.04				6.38
Saluda	do	.16	.93	.16	.90	.07				.55			.05	.85			.11	.05								.23	.65	.10				4.81
Santuck	Broad	.69	.68		.70	.34				.69			.10	.11			.11			.03		.23					.66					4.34
Spartanburg |||	do	.93	.70	.02	.55	.60				.20	.52							.08			.02	1.90			T.	.15	.42	.03				7.34
Trenton	Edisto	T.	1.20	.40	.50					.67			T.				.35			T.		T.		T.	T.	1.30						4.42
Walhalla	Savannah	.90	1.98		1.08	.58		.05		.85			.51				.41	.06	T.	.26	2.60				T.	.28	.50					10.06
Winnsboro	Broad	.14	.51	.43	.16	.27				.20	.33			.30				.03		.05						T.	.50	.30				3.22
Winthrop College	Catawba	.50	.42	.65	.22	.43				.53			.05	.47			.01				.05	.50				.03	.45					4.31

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	62.3	94	28	2.09	5				
1888	64.6	95	31	1.33	4				sw.
1889	62.4	93	30	2.01	6				ne.
1890	62.8	94	31	2.02	6				sw.
1891	63.2	92	26	1.66					sw.
1892	62.8	88	29	1.13					nw.
1893	66.7	94	34	1.30	5	15	10	5	sw.
1894	62.6	95	30	2.01	6	15	10	5	sw.
1895	61.4	94	28	5.55	10	12	9	9	sw.
1896	66.9	98	30	1.31	4	14	11	5	sw.
1897	62.2	95	31	3.24	9	16	6	8	sw.
1898	58.0	92	26	5.05	8	16	7	7	sw.
1899	60.0	91	27	3.02	7	12	9	9	n.
1900	62.4	90	24	5.41	9	12	9	9	ne.
1901	56.0	89	30	5.03	7	15	6	9	nw.
1902	60.4	91	24	2.18	7	15	9	6	w
1903	60.4	88	26	2.95	8	14	9	7	w.
1904	59.2	89	21	1.34	6	14	8	8	sw.
1905	62.8	92	25	3.83	9	15	8	7	sw.
1906	65.1	93	28	1.39	4	20	6	4	sw.
1907	56.4	89	20	4.40	10	10	13	7	sw.
1908	66.6	95	31	4.75	9	11	10	9	sw.
1909	63.9	96	30	2.95	7	14	9	7	sw.
1910	63.4	95	32	1.71	5	15	10	5	sw.
1911	61.6	91	30	2.95	8	12	9	9	ne.
1912	64.3	91	32	4.24	9	14	5	11	sw.
1913	61.2	90	30	2.00	6	20	4	6	sw.
1914	63.7	98	30	2.86	7	14	10	6	w.
1915	63.1	96	25	1.47	4	20	6	4	w.
1916	61.6	93	24	1.79	5	18	8	4	w.
1917	64.9	96	28	3.34	7	20	6	4	sw.
1918	61.0	92	32	5.82	11	11	9	10	sw.
1919	62.4	92	24	2.10	5	20	5	5	s.
1920	61.4	94	26	5.13	10	13	6	11	sw.
Period	62.3	98	20	2.92	7	15	8	7	sw.

Daily Temperatures for April, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	67	82	73	73	78	58	60	73	71	65	65	72	70	65	60	70	67	84	66	80	86	89	83	83	82	75	83	79	68	76	....	73.4
	Minimum	48	66	56	56	51	33	42	50	53	47	52	51	52	38	38	46	52	63	56	59	64	69	71	59	57	60	64	56	45	49	....	53.4
Blackville	Maximum	82	74	69	70	71	62	77	74	68	64	75	72	67	65	76	76	67	87	74	87	91	85	80	85	78	85	80	70	71	85	....	75.6
	Minimum	50	57	50	50	42	32	48	47	49	45	45	45	45	36	36	45	45	45	45	57	69	70	70	55	55	59	60	53	45	48	....	49.9
Bowman	Maximum	78	71	70	80	77	61	74	74	65	75	74	73	70	62	70	65	80	75	76	85	90	80	82	84	78	80	81	84	89	85	....	76.3
	Minimum	45	48	50	51	50	31	41	40	44	43	41	45	48	34	34	42	50	52	50	60	61	60	52	54	56	52	45	50	55	60	....	48.1
Charleston	Maximum	78	70	65	74	68	57	76	66	74	59	66	70	72	61	62	70	84	67	70	80	77	78	81	82	68	78	78	72	71	76	....	71.7
	Minimum	59	63	56	58	41	36	56	51	52	46	48	58	54	44	46	58	63	59	60	62	67	69	69	61	58	64	64	57	53	56	....	56.3
Cheraw	Maximum	73	73	67	74	65	60	63	69	50	63	74	73	60	63	74	65	78	76	61	73	88	92	85	80	66	71	74	71	76	82	....	71.3
	Minimum	50	65	51	50	52	30	47	42	48	43	40	47	55	34	35	43	59	54	55	56	66	54	71	50	47	59	60	58	41	49	....	50.4
Conway	Maximum	82	75	70	77	69	60	74	70	55	57	67	72	69	61	66	75	85	69	63	78	90	90	84	83	71	77	78	71	74	82	....	73.1
	Minimum	51	52	57	53	65	34	46	43	48	43	38	46	58	38	38	43	51	54	55	57	59	66	70	57	53	52	60	60	44	46	....	51.2
Darlington §§	Maximum	80	70	70	80	61	59	71	72	51	63	72	74	74	63	70	74	88	74	61	78	90	91	82	82	72	74	78	70	75	81	....	73.3
	Minimum	49	57	55	51	57	33	43	45	48	44	38	48	56	35	34	44	56	52	54	54	59	58	69	55	48	56	59	57	43	50	....	50.2
Ferguson §§	Maximum	81	68	76	70	55	65	71	70	55	68	70	61	66	59	69	70	84	79	68	83	87	85	80	81	76	80	78	67	73	80	....	72.5
	Minimum	51	58	54	54	54	32	48	45	50	47	39	40	48	39	34	42	48	58	56	60	62	64	71	57	62	58	64	58	42	45	....	51.3
Florence 1	Maximum	82	73	69	81	68	60	72	74	58	67	73	73	70	63	72	74	88	78	62	75	92	94	83	85	73	77	77	72	77	83	....	74.8
	Minimum	53	68	56	52	64	32	48	48	49	44	40	49	57	35	37	45	53	58	56	56	57	64	68	55	51	57	60	57	45	50	....	52.1
Garnett	Maximum	85	74	74	73	67	63	75	71	71	65	75	73	68	63	73	65	88	76	85	89	89	85	84	84	77	84	84	72	78	85	....	76.5
	Minimum	55	62	55	56	43	34	48	51	52	48	44	50	53	39	38	46	62	61	56	64	71	70	70	58	58	61	66	56	44	48	....	54.0
Georgetown	Maximum	80	75	73	73	65	60	76	74	62	64	60	73	71	68	70	74	80	65	75	82	80	80	86	84	70	80	80	70	74	81	....	73.5
	Minimum	50	52	58	52	53	42	48	46	53	35	38	45	52	39	38	45	55	56	56	57	60	59	59	62	54	57	64	59	45	50	....	51.3
Kingstree	Maximum	81	77	68	77	71	58	73	70	61	60	69	73	68	62	67	72	82	80	68	78	89	90	82	80	76	82	79	73	76	84	....	74.3
	Minimum	55	59	54	54	46	35	48	49	48	44	42	50	57	39	44	51	53	58	60	61	70	68	70	55	55	60	65	59	61	64	....	54.5
Oaks	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	70	....	88	88	82	80	71	70	70	71	70	80	.....
	Minimum	55	58	55	56	45	32	....	....	....	....	38	45	40	33	37	45	....	....	55	....	58	65	68	55	53	49	60	59	44	46	....	[e]50.0
Orangeburg 1	Maximum	82	72	68	81	71	61	73	74	65	61	74	73	67	61	72	69	86	79	68	86	91	87	81	83	76	83	79	68	77	84	..	75.1
	Minimum	54	54	56	54	43	33	48	48	49	46	42	47	52	47	37	44	60	58	56	60	68	66	69	56	55	58	62	55	46	47	....	52.3
Paris Island §§	Maximum	83	76	74	70	68	66	76	71	69	76	72	69	64	68	72	76	78	83	81	81	80	80	83	82	79	80	81	79	80	84	....	75.4
	Minimum	57	65	60	59	56	39	49	51	55	49	56	57	43	45	55	62	58	64	57	62	66	68	68	61	61	64	63	59	51	55	....	57.1
St. George	Maximum	84	76	68	77	74	67	75	75	65	67	67	72	69	65	72	70	82	80	69	85	89	85	82	79	80	81	79	70	80	84	....	75.6
	Minimum	55	56	55	56	47	34	48	47	47	47	52	54	40	39	42	46	70	55	55	60	70	69	57	56	56	60	57	45	46	48	....	[e]2.3
St. Matthews §§	Maximum	84	76	67	80	72	63	73	72	70	63	69	73	70	72	73	69	81	87	69	83	89	89	87	85	83	83	80	71	78	82	...	76.4
	Minimum	58	54	55	54	45	31	47	48	44	47	48	42	41	37	53	42	58	62	56	55	65	69	63	57	54	64	58	47	46	55	....	51.8
Society Hill §§	Maximum	75	71	68	78	63	62	70	71	51	60	71	73	70	62	71	74	89	72	60	77	90	91	84	81	68	73	77	70	74	80	....	72.5
	Minimum	48	66	54	52	54	29	39	41	46	43	38	46	54	33	33	43	55	52	53	52	59	55	70	53	47	57	56	57	43	49	....	49.2
Summerville	Maximum	81	72	67	72	68	60	75	72	72	62	71	73	69	62	69	71	86	80	72	84	85	83	82	80	74	79	78	69	73	80	....	74.0
	Minimum	54	61	56	55	46	32	47	44	52	46	42	50	56	40	37	46	63	61	56	61	69	69	70	55	57	61	65	57	46	48	....	53.4
Walterboro	Maximum	83	....	72	75	68	62	80	75	65	62	72	73	71	....	....	....	70	90	70	79	....	90	82	72	84	84	85	82	71	83	....	....	[d]76.0
	Minimum	54	66	57	66	41	31	50	41	51	48	41	47	50	....	....	....	43	63	60	56	....	66	66	54	53	56	55	67	57	41	....	....	[d]53.1
Yemassee	Maximum	85	71	67	74	67	62	76	71	74	64	73	73	68	63	70	68	87	70	82	86	88	84	82	83	75	84	84	70	78	84	..	75.4
	Minimum	54	64	54	54	55	33	50	48	51	47	41	48	52	38	34	45	62	60	56	63	67	68	68	56	56	58	68	56	42	46	....	53.1
Western Portion.																																	
Aiken	Maximum	77	76	68	78	72	59	70	70	68	61	72	68	66	60	70	69	84	83	70	83	86	85	77	79	78	82	81	75	75	80	....	74.1
	Minimum	55	57	53	53	43	29	52	48	49	46	46	50	49	35	41	48	59	59	55	62	71	67	70	52	54	59	59	51	53	50	....	52.5
Anderson	Maximum	70	75	53	67	62	54	67	67	57	62	72	65	62	60	72	61	85	74	69	69	81	84	74	80	64	58	74	62	75	77	....	68.4
	Minimum	48	50	45	45	34	30	51	39	47	46	40	50	44	32	38	46	56	55	62	59	65	58	68	53	53	49	54	47	45	57	....	48.9
Batesburg	Maximum	73	72	61	78	67	60	68	70	62	63	72	67	65	58	70	63	84	71	67	80	86	88	78	80	70	82	71	64	75	80	....	71.5
	Minimum	52	55	51	53	37	32	50	45	47	45	46	47	49	33	34	46	56	54	43	59	69	62	69	53	51	56	60	50	48	52	....	50.1
Calhoun Falls §§	Maximum	56	74	75	60	70	48	60	68	72	51	60	75	70	63	61	73	69	88	63	81	82	85	85	82	83	66	71	74	70	78	...	70.4
	Minimum	40	48	45	46	40	28	29	40	41	44	40	41	46	29	30	35	48	56	56	56	60	56	57	48	50	49	51	47	40	44	....	44.7
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	59	72	66	60	62	57	63	67	64	60	68	66	63	61	66	66	81	75	74	70	78	82	80	80	77	62	71	69	72	78	....	69.0
	Minimum	48	56	43	47	43	30	50	43	48	43	40	40	49	30	34	43	55	56	59	59	62	55	69	59	53	52	54	50	41	49	....	48.7
Columbia	Maximum	76	70	64	80	67	58	68	70	56	62	72	70	65	59	70	66	86	72	67	77	87	87	80	80	69	82	76	69	77	81	....	72.1
	Minimum	52	57	54	55	37	32	49	47	48	45	46	51	44	35	42	50	59	54	55	59	69	66	66	56	53	59	59	53	47	55	....	51.8
Greenville	Maximum	69	72	59	62	60	56	60	67	54	60	69	66	56	57	67	59	86	67	70	64	79	82	81	78	58	56	71	64	73	79	....	66.7
	Minimum	47	54	45	45	33	29	45	43	45	44	44	50	38	33	39	49	54	51	57	57	61	59	69	54	49	47	51	48	44	56	....	48.0
Greenwood	Maximum	59	72	72	60	70	45	57	65	69	50	60	71	70	62	59	70	64	84	79	80	81	85	80	80	70	70	74	70	73	79	....	69.3
	Minimum	42	49	56	49	52	37	30	35	43	49	45	51	50	49	31	39	48	56	56	60	64	60	69	49	51	55	55	44	44	52	....	49.0
Heath Spring	Maximum	68	65	63	67	71	67	65	64	65	67	69	68	67	64	66	68	81	81	80	74	84	86	84	82	81	77	74	72	71	78	....	72.3
	Minimum	48	56	51	51	50	30	47	43	47	42	41	42	52	31	37	48	57	56	51	55	62	59	70	65	48	55	57	52	41	52	....	49.9
Kershaw	Maximum	72	70	67	71	72	57	65	69	61	60	72	71	66	59	70	70	85	73	70	81	86	88	84	80	68	77	78	69	78	82	....	72.4
	Minimum	49	57	51	52	42	30	48	41	46	43	39	44	50	31	36	46	57	52	54	56	68	56	70	51	47	56	58	53	41	50	....	49.1
Laudrum	Maximum	62	73	70	62	62	56	65	69	60	61	70	67	58	60	69	65	88	81	75	70	83	83	88	77	65	53	63	67	74	79	....	69.2
	Minimum	47	55	52	45	39	26	47	32	44	40	35	48	45	32	32	44	55	51	51	58	60	57	64	55	46	47	51	48	37	52	....	46.5
Laurens §§	Maximum	69	75	60	64	51	58	62	70	52	62	73	67	63	59	70	64	85	67	67	69	....	81	82	80	64	63	76	66	75	81	....	[a]68.1
	Minimum	47	58	48	52	47	29	38	37	46	46	38	40	45	29	32	32	50	53	54	58	54	....	53	44	49	50	52	48	47	56	....	[a]45.9
Liberty	Maximum	60	74	64	66	62	59	62	73	63	65	72	66	62	62	71	64	87	80	77	69	81	86	82	82	79	61	72	70	76	81	....	70.9
	Minimum	57	54	41	46	35	29	41	42	47	44	38	48	48	31	35	47	47	55	55	59	59	55	70	56	52	50	50	48	42	55	....	47.9
Little Mountain	Maximum	75	70	60	77	66	56	65	68	58	63	70	67	68	58	70	63	83	75	70	74	78	84	78	79	70	77	75	72	76	80	....	70.8
	Minimum	49	50	50	52	35	30	50	48	42	44	48	51	48	32	42	49	57	54	56	58	68	63	68	55	49	54	55	50	46	48	....	50.0
Meriwether	Maximum	78	73	71	76	66	61	71	72	65	66	75	74	70	62	64	70	87	67	79	....	....	....	....	....	84	72	84	85	70	69	....	[d]73.1
	Minimum	41	49	48	46	38	27	40	45	42	41	41	42	41	30	33	34	45	42	55	....	56	....	....	57	51	52	55	48	35	....	....	[d]43.6
Monetta	Maximum	76	74	74	78	72	58	67	69	67	61	72	67	65	59	71	68	80	80	68	81	85	86	78	80	75	82	80	70	75	....	....	[a]73.0
	Minimum	49	57	52	52	41	29	51	46	48	45	44	48	49	34	40	45	57	56	54	60	71	65	69	53	52	58	58	51	45	50	....	51.0
Newberry	Maximum	74	73	71	76	71	61	65	72	65	65	77	75	67	65	71	70	73	68	85	77	87	89	87	88	78	86	78	77	79	85	....	75.2
	Minimum	45	46	45	55	38	30	37	41	40	43	56	45	48	31	36	40	50	45	46	50	67	58	59	60	56	56	56	52	53	54	....	47.9
Saluda	Maximum	76	73	66	79	67	59	69	71	72	65	73	68	67	61	70	63	85	78	70	82	86	89	85	82	70	81	76	71	77	81	....	73.7
	Minimum	50	56	46	52	39	30	50	42	41	45	40	47	48	31	34	45	55	56	55	60	70	72	55	46	51	54	56	50	39	49	....	48.8
Santuck	Maximum	78	78	68	70	62	57	69	70	59	62	71	70	65	59	70	68	85	75	76	77	83	89	85	78	71	75	79	68	76	82	....	72.5
	Minimum	56	62	53	54	39	28	49	50	43	44	36	46	46	26	31	40	57	53	56	58	64	53	70	45	50	50	54	46	36	44	....	48.0
Spartanburg	Maximum	66	76	72	62	64	58	65	70	67	62	72	68	65	59	71	68	86	79	76	70	80	86	85	78	62	57	71	71	76	76	....	70.6
	Minimum	47	56	44	46	39	27	40	38	46	44	41	41	48	30	35	43	55	52	58	54	60	56	69	57	49	47	52	48	41	49	....	47.1
Trenton	Maximum	76	72	63	77	68	57	67	70	62	62	72	67	65	59	69	62	83	75	70	82	85	85	77	79	71	83	73	70	75	80	....	71.9
	Minimum	53	52	52	53	40	30	43	46	47	45	46	50	48	33	40	47	58	59	56	61	70	66	68	53	52	59	59	50	46	54	....	51.2
Walhalla	Maximum	57	74	65	63	61	57	61	70	63	63	72	63	60	59	69	62	86	77	79	63	84	83	84	84	65	61	75	67	76	81	....	69.5
	Minimum	42	54	39	45	34	27	40	34	45	38	37	45	45	29	33	41	53	57	58	58	60	52	68	47	48	50	54	42	38	46	....	45.3
Winnsboro	Maximum	73	72	62	76	52	59	69	71	52	62	73	70	63	60	70	67	86	73	68	74	85	88	82	81	68	79	77	68	76	82	....	71.3
	Minimum	49	51	51	52	49	29	39	42	49	44	45	50	49	31	41	47	54	52	53	55	58	59	68	51	49	50	57	50	44	52	....	49.0
Winthrop College	Maximum	63	72	72	72	66	56	65	69	68	63	72	70	65	58	70	66	86	83	70	67	84	86	85	81	75	64	75	70	75	82	....	71.6
	Minimum	48	57	47	50	41	29	51	41	47	43	41	50	48	29	38	60	57	52	56	57	63	58	70	52	46	51	55	50	42	52	....	49.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Total Precipitation, Inches, April, 1920.

MISCELLANEOUS PHENOMENA (dates).

Frost.—The last spring killing frosts or freezing temperatures occurred as follows: April 6, 18 stations; 14th, 12; 15th, 3; 16th, 1.

Hail.—Clemson College, 22; Gaston Shoals, 3, 12; Greenville, 12; Liberty, 12, 20, 22, 26; Newberry, 5; Spartanburg, 12; York and Lancaster Counties, 22; Sumter, Clarendon, and Florence Counties, 26.

Halos—Lunar: Charleston, 30; Columbia, 1, 23; Walhalla, 24. *Solar:* Columbia, 16, 23; Greenville, 11, 16, 23; Walhalla, 11.

Fog, dense.—Heath Spring, 20; Liberty and Monetta, 1, 20.

TORNADOES, HAILSTORMS, AND NOTABLE EXCESSIVE RAINS IN SOUTH CAROLINA DURING APRIL, 1920.

An unusual number of tornadoes and hailstorms, together with notably excessive rains, occurred in this State during April, incident to the eastward advance of a succession of barometric depressions which affected the weather conditions of the entire Appalachian region between the 1st and 4th, 12th and 13th, 20th and 22d, and 26th and 27th. Location of the various disturbances, except excessive rains, is shown on the accompanying chart.

TORNADOES.

On April 2, a tornado with the well known pendant cloud, appeared about 2 miles northwest of Cornwell, Chester County, at 6 a.m. and moved northeastward toward Richburg, turning thence eastward and disappearing northwest of Heath Spring, Lancaster County, about 7 a m. The storm maintained its identity and apparently bounded along a distance of about 25 miles, occasionally touching the earth in a path about 100 yards wide. Five large steel electric service towers between Chester and Great Falls were blown down, and other damage resulted, approximating $30,000 in value. There was no loss of life or injury to persons.

On the 12th, at 4 o'clock in the afternoon, a tornado injured 10 persons and caused about $56,000 damage to farm property about 5 miles southeast of Westminster and about 2 miles north of Oakway, Oconee County. The storm moved from west to east, and the path was about 6 miles long and 500 yards wide.

In northwestern Saluda County, near the Greenwood County line, in the Baptist Good Hope section, 5 persons were injured by a tornado, and farm property was damaged to the extent of about $6,000. The path was short and about 200 yards wide, extending from southwest to northeast. The freaks of wind force usual to such rotary storms attended the passage of the disturbance.

The settlement at Denver, Anderson County, was visited by a tornado about 3 a. m. on the 21st, damaging property approximating $57,000 in value, but without loss of life and only minor personal injuries, notwithstanding the darkness. The path was a short one and ranged from 100 to 250 yards in width, extending from southwest to northeast.

A tornado in the vicinity of Campobello, northern Spartanburg County, about midnight, April 21-22, caused property damage estimated at about $5,000. Foster's Mill, a landmark of the upper part of the county, was demolished. The path was short and about 220 yards in width, extending from west to east. There were no personal injuries.

About 8 p. m., April 26, a tornado struck the town of North, in northwestern Orangeburg County, attended by damage estimated at $6,000. The storm came from the southwest and moved in a short path about 900 yards wide, accompanied by unusually heavy rainfall. There were no personal injuries of importance.

HAILSTORMS.

During the evening of April 22, a hailstorm, beginning somewhat to the southwestward of Catawba, York County, and extending to the eastward of Waxhaw, Union County, N. C., covered an area 4 to 5 miles wide and about 25 miles long. Some of the hailstones ranged in size from a hen egg to a goose egg; one planter reported stones as large as a man's fist and of sufficient weight to penetrate the ground 4 to 6 inches. Some live stock was injured, but the damage, on the whole, was relatively small, considering the severity of the storm.

A severe hailstorm prevailed over the southern part of Sumter County and the northern part of Clarendon County during the afternoon of April 26, covering much the same area as the great hailstorm of June 8, last year. The hail territory extended from a point south of Wedgefield, Sumter County, to Olanta, western Florence County, or a distance of about 35 miles, and ranged in width from 2 to 10 miles, the greatest width being from the vicinity of Brogdon, Sumter County, to the vicinity of Alcolu, Clarendon County. The hailstones ranged in size generally from buckshot to 2.5 inches in diameter. Two men, caught in the storm, were quite severely injured, and one of them reported the size of the hailstones as ranging from guinea to turkey eggs. The property damage was estimated at about $10,000, with necessity of replanting about one-third of the young spring crops in a large part of the area.

EXCESSIVE RAINS.

At Liberty, Pickens County, on April 12 and 13, a rainfall of 4.60 inches was measured in 48 hours, of which 2.54 inches fell between 4 and 6 p.m. on the 12th; Mr. John T. Boggs, the observer, stated that the latter was the heaviest rainfall he had ever recorded since the station was opened in 1900. Another excessive rainfall of 2.80 inches was measured at Liberty on the 21st. The heavy rains of the 12th extended over the northwestern tier of counties from Oconee to York.

A notable downpour of 1.90 inches occurred at Greenville from a little before 9 p. m. to 11 p. m. on the 20th, of which nearly 1.25 inches fell in 30 minutes; the wind reached a maximum velocity of 60 miles per hour during the storm. The damage was land erosion principally. During the same storm, a rainfall of 1.90 inches occurred at Spartanburg, 27 miles north-northeast, between 9 and 10 p. m. R. H. S.

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CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

MAY, 1920

BY

RICHARD H. SULLIVAN

METEOROLOGIST

WEATHER BUREAU OFFICE

COLUMBIA, S. C.

June 28, 1920

Departure of the Mean Temperature from the Normal, May, 1920.

Barkerville 5 a.m.
6 a.m.
7 a.m.
Edmonton
Calgary
Medicine Hat
Swift Current
Qu'Appelle
Minnedosa
Winnipeg
The Pas
Prince Albert
Battleford
Kamloops
Spokane
Walla Walla
Lewiston
Missoula
Helena
Billings
Miles City
Bismarck
Moorhead
Devils Lake
Grand Forks
Fort Assiniboine
Yellowstone Park
Sheridan
Baker
Boise
Pocatello
Landers
Rapid City
Pierre
Huron
Winner
Chamberlain
Mitchell
Yankton
Sioux City
Omaha
North Platte
Cheyenne
Grand Junction
Denver
Leadville
Canon City
Pueblo
Durango
Dodge City
Concordia
St. Joseph
Hannibal
Topeka
Kansas City
Columbia
Springfield
Flagstaff
Santa Fe
Roswell
El Paso
Amarillo
Oklahoma
Fort Smith
Little Rock
Dallas
Fort Worth
Abilene
Shreveport
Jackson
New Orleans
Galveston
Houston
San Antonio
Del Rio
Corpus Christi
Brownsville
Taylor
Burrwood
Memphis
Nashville
Knoxville
Asheville
Chattanooga
Atlanta
Birmingham
Montgomery
Mobile
Savannah
Charleston
Jacksonville
Tallahassee
Thomasville
Columbus
Indianapolis
Terre Haute
Cincinnati
Louisville
Lexington
Evansville
Springfield
Peoria
Davenport
Rockford
Chicago
Fort Wayne
Dayton
Milwaukee
Madison
La Crosse
Dubuque
Grand Haven
Grand Rapids
Detroit
Port Huron
Toledo
Cleveland
Sandusky
Buffalo
Rochester
Syracuse
Albany
Binghamton
Boston
Philadelphia
Baltimore
Washington
Richmond
Norfolk
Cape Henry
Cape Hatteras
Wilmington
Charlotte
Greenville
Augusta
Macon
Columbus
Montgomery
Selma
Meridian
Vicksburg
Jackson
Shreveport
Monroe
Texarkana
Fort Smith
Little Rock
Memphis
Nashville
Knoxville
Asheville
Charlotte
Greenville
Augusta
Savannah
Charleston
Jacksonville
Tallahassee
Thomasville
Pensacola
Mobile
New Orleans
Galveston
Houston
Corpus Christi
Brownsville
Del Rio
San Antonio
Austin
Waco
Fort Worth
Dallas
Abilene
Amarillo
Oklahoma
Wichita
Topeka
Kansas City
St. Joseph
Concordia
Hannibal
Springfield
Peoria
Davenport
Rockford
Chicago
Fort Wayne
Dayton
Columbus
Indianapolis
Terre Haute
Cincinnati
Louisville
Lexington
Evansville
Springfield

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., MAY, 1920 No. 5.

GENERAL SUMMARY.

Thermal conditions ranged close to the lowest average of record for May, with three prolonged periods of abnormally cold weather, when the temperatures ranged 5° to 14° per day below normal; seasonable temperatures prevailed during three short periods only. The month was far down in the group of dry Mays.

Relatively dry weather, interrupted by intermittent showers only, was favorable for good progress in farm work. The long periods of cold weather, and particularly the cold nights, materially retarded germination of spring crops, and the stands were not satisfactory generally, with considerable replanting necessary. Cotton chopping began on the coastal plain about the opening week and had extended to the Piedmont by the close of the month; the general crop was planted by the 20th, and corn planting was finished, on the whole, by about June 1. Both crops were small and backward for the season. Oat harvest began in the southern part of the district by the 20th and had extended northward over the Piedmont by the close of the month, with good returns generally. Wheat was ripening at the close of the month, with fair to good prospects. Tobacco was small and backward, with acreage somewhat reduced on account of scarcity of plants incident to late spring frosts. White potato digging results were unusually good, and sweet potato transplanting was general at the close af the month. Tree fruits were promising; strawberries and blackberries were on market at the close of the month, and the blackberry crop this season was unusually promising. The month closed with the growing season somewhat over 2 weeks late, but farm work was well advanced, and fields were generally clear of grass.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.03 inches. The highest pressure in the region covered by reports was 30.46 inches at Wilmington, N. C., on the 16th, and in the Section proper, 30.44 inches at Columbia on the same date; the lowest pressure was 29.70 inches at Charlotte, N. C., on the 13th, and in the Section proper, 29.72 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 45 stations, was 67.6°, or 3.7° below the established normal and but 1.2° above the mean of the cold May of 1917. The highest temperature was 95° at Bowman, Orangeburg County, on the 2d. The warm periods were on the 1st and 2d, between the 10th and 13th, and between the 20th and 23d. The lowest temperature was 42° at Society Hill, Darlington County, on the 7th; Saluda, Saluda County, and Santuck, Union County, on the 9th, and Conway, Horry County, and Landrum, Spartanburg County, on the 17th. There were three prolonged periods of cold weather, namely: 3d to 9th, 14th to 19th, and 24th to 28th.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 74%; noon, 52%; 8 p. m., 64%. The highest percentages occurred in the coast districts, and the lowest, over the northern interior.

PRECIPITATION.

The average for the Section, 58 stations reporting, was 1.77 inches, or 1.69 inches below the established normal. The precipitation was fairly well distributed as to area and amount, but was more or less sporadic, the rainy periods being rather badly defined. Excepting small scattered areas, the rainfall was below normal and was above 3 inches principally in the upper Savannah watershed, ranging downward in practically the entire region elsewhere, with less than one inch in an extensive area of the upper coastal plain. The greatest local monthly amount was 4.77 inches at Calhoun Falls, Abbeville County; least local monthly amount, 0.30 inch at Orangeburg No. 2, Orangeburg County. The greatest 24-hour amount at any station was 1.70 inches at Liberty, Pickens County, on the 19th. The average number of rainy days was 25% below normal.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 8 anemometer records, was 8.0 miles. The highest average velocity was 11.8 miles per hour at Savannah, Ga., and in the Section proper, 11.6 miles per hour at Charleston; the lowest average was 4.6 miles per hour at Charlotte, N. C., and in the Section proper, 6.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 50 miles per hour from the west at Savannah, Ga., on the 2d, and in the Section proper, 35 miles per hour from the northeast at Charleston on the 16th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 288.2 hours, or 67% of the possible amount. The average number of clear days was 16; partly cloudy, 9, and cloudy, 6, as against normals of 16, 9, and 6 days, respectively.

RIVER CONDITIONS.

The Santee River finally receded within its banks at Ferguson by the 9th, after having been in almost continuous flood since the latter part of January. The remaining rivers of the Section were relatively low throughout the month, incident to the prolonged dry weather.

MISCELLANEOUS PHENOMENA (dates).

Fog, dense.—Calhoun Falls, 4; Darlington, 20.

Hail.—Clemson College, 1.

Halos—Lunar: Columbia, 29; Spartanburg, 30; Walhalla, 23. *Solar:* Columbia, 2, 11, 30; Greenville, 5, 11, 21.

ERRATA, APRIL, 1920.

COLUMBIA.—Number of clear days, page 28, should be 11, and cloudy days, 14.

GREENVILLE.—Mean temperature, page 28, should be 57.3; minimum temperature, 23d, page 30, should be 66, and mean minimum, 47.9.

PARIS ISLAND.—Date of maximum temperature, page 28, should be †1.

WINTHROP COLLEGE.—Mean temperature, page 28, should be 60.5; mean minimum, page 30, should be 47.4.

MISCELLANEOUS DATA FOR MAY, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.05	60.8	82	39	2.06	0.56	7.7	se.	74	49	58	59
Augusta, Ga.....	30.02	69.6	90	52	2.13	0.54	5.5	ne.	74	54	63	68
Charleston, S. C...	30.02	68.8	88	58	1.96	0.57	11.6	ne	77	63	77	68
Charlotte, N. C ...	30.04	65.6	86	44	1.33	0.69	4.6	ne.	68	47	53	76
Columbia, S. C....	30.04	68.2	88	48	1.24	0.89	6.6	ne.	71	47	53	59
Greenville, S. C...	30.02	66.2	87	47	1.62	0.81	8.3	ne.	69	47	56	72
Savannah, Ga.....	30.02	70.6	89	58	2.36	0.76	11.8	e.	80	57	77	75
Wilmington, N. C.	30.04	64.9	83	42	1.22	0.33	7.6	e.	77	56	74	58
Means and extremes.....	30.03	66.8	90	39	1.74	0.89	8.0	ne.	74	52	64	67

Climatological Data for May, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Allendale	Allendale	186	39	69.7	−3.5	92	24	44	15	34	0.86	−2.51	0.45	0	6	7	23	1	ne.	R. B. Vance.
Blackville	Barnwell	296	37	70.4	−2.9	94	†22	49	† 7	36	0.55	−2.91	0.45	0	2	21	7	3	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	68.1	−4.2	95	2	48	8	40	0.32	−3.09	0.32	0	1	23	4	4	e.	B. O. Evans.
Charleston	Charleston	48	49	68.8	−3.6	88	1	58	15	23	1.96	−1.51	0.57	0	10	9	8	14	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	66.9	−3.9	94	29	43	† 6	38	0.82	−2.72	0.67	0	2	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	32	66.2	−4.8	88	23	42	17	34	1.10	−2.26	0.83	0	3	17	0	14	ne.	Paul Quattlebamm.
Darlington	Darlington	175	25	[b]66.2	−5.2	[b]89	29	[b]44	17	[b]38	1.40	−1.95	0.58	0	6	19	4	7	.....	D. C. McCall.
Edisto	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	0.82	−2.21	0.34	0	6	....	....	....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	0.99	−2.38	0.45	0	4	....	....	....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	68.0	−3.0	87	22	48	10	34	0.84	−3.33	0.38	0	4	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	39	68.6	−3.7	90	†29	45	6	37	1.14	−2.41	0.66	0	6	17	13	1	ne.	H. K. Gilbert.
Florence 2	.....do	136	5	.....	.....	.....	.....	.....	.....	.....	1.29	−2.26	0.72	0	5	20	4	7	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	[b]70.8	.....	[b]93	22	[b]51	10	[b]37	2.08	.....	0.85	0	7	6	19	6	e.	Maner B. Robert.
Georgetown	Georgetown	12	28	67.6	−4.6	90	23	48	6	35	3.87	+0.93	1.50	0	7	19	12	0	n.	A. P. Hazard.
Kingstree	Williamsburg	54	39	68.8	−3.0	91	29	48	6	36	0.90	−2.25	0.50	0	3	24	1	6	ne.	W. H. Matthews.
Oaks	Georgetown	.....	5	[c]66.6	.....	[c]90	30	[c]44	6	[c]33	1.63	.....	0.84	0	8	16	10	5	e.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	68.6	.....	91	12	47	10	35	0.56	.....	0.17	0	5	15	9	7	e.	U. S. Fisheries Station.
Orangeburg 2	.....do	264	.....	.....	.....	.....	.....	.....	.....	.....	0.30	.....	0.20	0	2	20	7	4	ne.	State A. and M. College.
Paris Island	Beaufort	13	36	71.2	−2.3	89	† 1	58	† 7	26	1.53	−1.63	0.65	0	7	14	8	9	e.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	66.3	−4.7	86	1	54	† 6	.....	2.48	−1.37	1.00	0	5	15	7	9	.....	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	3.62	.....	1.08	0	8	....	....	....	.....	William B. Wolfe.
St. George	Dorchester	109	39	70.8	−1.9	92	30	52	† 6	37	1.22	−1.96	0.20	0	7	30	0	1	e.	Miss Alma T. Whiteside.
St. Matthews	Calhoun	62	39	69.4	−2.4	93	30	46	† 6	36	0.67	−1.64	0.17	0	8	27	3	1	se.	Miss Frances M. Antley.
Society Hill	Darlington	192	30	[b]65.5	−5.5	[b]89	12	[b]42	7	[b]38	1.08	−2.14	0.28	0	7	22	3	6	ne.	A. H. Rogers.
Summerville	Dorchester	75	23	68.2	−3.8	87	22	52	† 6	30	2.47	−0.54	1.15	0	7	14	12	5	e.	Miss E. H. Gadsden.
Walterboro	Colleton	69	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. N. Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	1.32	.....	0.31	0	6	....	..	....	.....	Combahee Company.
Yemassee	Hampton	24	32	69.1	−3.7	90	22	49	10	34	1.89	−1.41	0.43	0	8	16	4	11	e.	W. C. Hutson.
Division means and	extremes	.....	....	68.1	−4.0	95	2	42	17	40	1.39	−1.98	1.50	0	5	17	9	5	ne.	
Western Portion.																			
Aiken	Aiken	527	59	69.4	−1.9	89	23	50	† 6	31	1.78	−2.89	0.61	0	6	21	1	9	ne.	Frank B. McCoy.
Anderson	Anderson	764	25	66.6	−4.0	87	† 1	48	9	33	2.33	−0.31	0.93	0	8	15	5	11	e.	H. H. Russell.
Batesburg	Lexington	656	37	68.0	−3.5	89	12	48	7	34	1.59	−1.83	0.93	0	5	16	5	10	e.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	1.34	−2.20	0.72	0	5	....	....	....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	67.0	.... ..	92	23	44	9	39	4.77	−1.24	1.61	0	9	14	9	8	e.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	0.95	−2.31	0.64	0	5	....	....	....	.....	W. C. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	1.62	−1.70	0.61	0	4	....	....	..	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	1.53	−1.00	0.80	0	4	....	..	....	.....	J. J. Murran.
Clemson College	Oconee	850	29	[a]65.6	−3.6	[a]86	12	[a]46	† 7	[a]37	3.12	−0.29	0.85	0	8	8	14	9	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	68.2	−3.6	88	23	48	7	29	1.24	−1.95	0.89	0	4	10	13	8	ne.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	1.87	.....	0.55	0	8	....	....	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	2.07	−0.90	1.35	0	8	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	66.2	−1.3	87	23	47	15	26	1.62	−2.70	0.81	0	7	8	16	7	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	66.3	−5.0	86	1	47	7	31	2.65	−0.97	1.00	0	7	24	0	7	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	67.5	−3.3	86	†12	45	† 6	33	1.23	−1.97	0.43	0	5	16	8	7	ne.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	67.2	... ...	90	29	45	† 6	33	1.13	.....	0.35	0	7	17	6	8	e.	John W. Hamel.
Landrum	Spartanburg	1063	5	65.4	.....	88	†23	42	17	36	3.18	.....	0.89	0	8	18	8	5	.....	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	[a]65.6	.....	[a]89	1	[a]43	7	[a]36	2.25	.....	1.55	0	2	21	0	10	.....	Perry A. Simpson.
Liberty	Pickens	900	21	67.7	−2.3	90	23	48	†10	36	2.88	−1.51	1.70	0	10	12	16	3	se.	John T. Boggs.
Little Mountain	Newberry	711	28	67.6	−4.6	87	†23	48	† 5	34	1.93	−0.92	1.25	0	4	21	2	8	sw.	J. M. Sease, M. D.
Meriwether	McCormick	450	18	[j]67.6	−3.2	[j]91	23	[j]43	16	[j]41	3.04	+0.56	0.80	0	6	.. ....	....	.....	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	68.6	−3.6	89	†22	48	7	31	1.55	−0.91	0.64	0	7	8	18	5	ne.	Joseph M. Johnson.
Newberry	Newberry	502	17	67.4	−3.9	94	29	43	9	42	2.15	−0.81	1.00	0	5	20	6	5	se.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	2.04	−0.70	0.82	0	8	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	67.0	−4.6	90	†23	42	9	41	2.13	−0.41	1.40	0	5	23	4	4	n.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	[a]66.5	−3.9	[a]92	30	[a]42	9	[a]41	1.72	−1.23	0.62	0	7	15	12	4	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	66.8	−2.7	88	†12	44	17	37	2.72	−1.31	1.25	0	9	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	28	67.9	−4.5	89	30	48	† 6	33	2.37	−0.49	0.77	0	6	14	12	5	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	66.0	−1.4	88	23	44	9	36	3.56	−0.47	1.30	0	9	13	13	5	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	[b]68.0	−3.2	[a]89	29	[b]46	7	[b]33	1.63	−1.47	0.63	0	7	17	7	7	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	21	[f]66.2	−4.0	[f]88	12	45	16	[f]33	1.16	−3.00	0.44	0	5	13	13	5	sw.	W. P. Goodman.
Division means and	extremes	.....	....	67.1	−3.7	94	29	42	† 9	42	2.33	−1.11	1.70	0	6	15	9	7	ne.	
Section means and	extremes	.....	....	67.6	−3.7	95	2	42	† 9	42	1.77	−1.69	1.70	0	6	16	9	6	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. †† Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blackshurg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for May, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah			.45	.03		T.		T.	.09										.05						.08	.16						0.86
Blackville ||||	Edisto			.10																						.45							0.55
Bowman	do								.32										T.														0.32
Charleston ***	Coast		.07	.05		.02			.57					T.	.01				.03	.44			T.			.20	T.		.22			.35	1.96
Cheraw |||	Pee Dee				.67				T.					.15						T.												0.82
Conway ||||	Waccamaw			T.		.18	T.													.83	.09							T				1.10
Darlington ||||	Pee Dee			.05		.02				.20					.58				T.	.30			.25										1.40
Edisto |||	Edisto			.20			.10			.13										.05						.14	.20						0.82
Effingham |||	Lynches					.09								T.	.40					.45								.05					0.99
Ferguson |||	Santee			.21			T.			.20										.38							.05						0.84
Florence 1 |||	Pee Dee			.02		.08									.66					.31			.06				.01						1.14
Florence 2 ||||	do								.13						.72					.27			.15			T.	.02						1.29
Garnett	Savannah			.85		.20			.15					.02									T.			.25	.01						2.08
Georgetown	Coast			.25		.30			.75	.80										1.50							.15		.12				3.87
Kingstree |||	Black									.25										.50	.15												0.90
Oaks	do			.08		.13				.84									.01	.32	.18					.05		.02					1.63
Orangeburg 1	Edisto			.11			.02								T.				T.	.12	.14					T.	.17						0.56
Orangeburg 2	do													.10												.20							0.30
Paris Island	Coast			.01	.05		.40								.17				.10	.65							.15						1.53
Pinopolis	Cooper		.16			.30			1.00										.60	.42													2.48
Rimini ||||	Santee			.05			.05					1.00		.16						.20						1.08	1.03	.05					3.62
St. George ||||	Edisto			.20			.18			.20										.20	.20					.05	.19						1.22
St. Matthews ||||	Santee		.16		.17	.02				.03					.09				.07						.09	.04						0.67
Society Hill ||||	do			.01		.28				.28					.15				.01	.25			.10										1.08
Summerville	Ashley			.25		.26	T.	.02	1.15					T.	T.					.52						.25		.02				T.	2.47
Walterboro	Ashepoo																																
Whitehall (near)	Combahee		.30	.12			.24		.15											.20						.31							1.32
Yemassee ||||	Ashepoo			.42	.08		.43			.15										.27	.15					.15	.24						1.89
Western Portion.																																	
Aiken	Edisto			.22			.09							.59						.61						.17	.10						1.78
Anderson	Savannah				.15	.08			.22				.05	.88					.23	.26						.46							2.33
Batesburg ||||	Edisto			.08				T.						T.	.93				T.	.33						.09	.16						1.59
Blairs ||||	Broad								.02	.08				.26	.46					.52													1.34
Calhoun Falls ||||	Savannah			.38			.04		.18					1.61	.32				T.	1.10	.03					.49	.62						4.77
Camden ||||	Wateree					.06				.05				.20	.34					.30													0.95
Catawba ||||	Catawba									.48					.08					.61			.45										1.62
Chappells ||||	Saluda								.13					.30	.80					.30													1.53
Clemson College	Savannah	.20	.13				.10		.09				T.	.85					.30	.75					.70								3.12
Columbia ***	Congaree		T.			.03			T.					.89					.08	.24				T.	T.								1.24
Edgefield ||||	Savannah			.30	.04		.20							.10	.55					.30						.18	.20						1.87
Gaston Shoals ||||	Broad	.05	T.						.35	.04				.17	.01					1.27	.08					.10	T.						2.07
Greenville ***	Saluda	T.	T.		.01	T		T.	.10					.53					.78	.03		T.			.11	.06							1.62
Greenwood ||||	do		.09			.10			T.					1.00	.72					.44						.24	.06						2.65
Heath Spring	Waterce								.37					.24				.43			.17					.02							1.23
Kershaw |||	Lynches					.08				.35				.11	.25				.04	.29			.01										1.13
Landrum	Broad								.79				.24	.29					.46	.89					.09	.06						.36	3.18
Laurens ||||	Saluda													1.55						.70													2.25
Liberty	Savannah	.01	.02	.03		.02			.04					T.	.60				T.	.40	1.70		T.			.02	.04						2.88
Little Mountain	Saluda							.10	T.					1.25						.30	.28												1.93
Meriwether	Savannah		.62										.52	.69					T.	.31						.80	.10						3.04
Monetta	Edisto			.18			.08							.64					.10	.35		.03				.17							1.55
Newberry	Saluda								.05					1.00					.45							.15	.10						2.15
Pelzer ||||	do			.04	T.		.02		T.	.02				.70	.12				T.	.72						.22	.20						2.04
Saluda	do					.15								1.40						.17	.25					.16							2.13
Santuck	Broad			.02		.30			.22					.62						.33	.21				T.	.02							1.72
Spartanburg ||||	do			T.		.30			.04	.48				.28	.18				.05	1.25					.13	.01	T.					2.72
Trenton	Edisto		.32	T.		T.	.20		T.				T.	.77					T.	.30		.40				.38							2.37
Walhalla	Savannah	.09	.02	.25		.11			.10					.85				T	.43	1.30						.41							3.56
Winnsboro	Broad					.10			.01					.38	.37				.10	.63						.04							1.63
Winthrop College	Catawba								.44					.12						.35		.22	.03										1.16

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MAY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.5	97	41	3.17	10				
1888	70.2	99	33	7.51	11				
1889	71.7	101	35	1.97	5				nw.
1890	71.0	95	30	5.44	10				sw.
1891	69.0	100	36	3.57					ne.
1892	71.1	94	39	3.53					
1893	70.2	97	38	4.13	9	13	9	9	sw.
1894	70.7	98	38	3.43	9	10	16	5	sw.
1895	69.0	101	34	4.36	9	11	12	8	sw.
1896	76.7	104	42	2.74	8	14	13	4	sw.
1897	69.3	97	38	2.39	6	18	8	5	sw.
1898	73.8	106	39	1.35	5	18	10	3	sw.
1899	73.7	100	45	1.68	5	15	10	6	sw.
1900	70.2	96	38	2.37	5	19	7	5	sw.
1901	71.4	99	40	7.31	11	13	10	8	sw.
1902	74.0	101	42	2.69	8	15	10	6	sw.
1903	70.7	104	44	2.69	9	12	9	10	ne.
1904	70.6	99	38	2.04	7	18	8	5	s.
1905	73.4	99	42	5.70	13	12	9	10	sw.
1906	70.7	99	30	3.00	7	17	6	8	sw.
1907	70.8	96	41	4.51	10	11	12	8	sw.
1908	71.8	96	36	2.92	7	16	11	4	sw.
1909	69.5	100	35	4.26	8	14	12	5	sw.
1910	69.8	99	40	4.03	8	15	10	6	sw.
1911	72.6	106	35	0.65	3	20	8	3	ne.
1912	72.4	101	43	4.08	9	16	6	9	sw.
1913	71.7	101	38	2.13	6	19	6	6	sw.
1914	72.1	105	42	0.83	3	18	10	3	sw.
1915	73.0	98	46	7.20	11	11	11	9	w.
1916	73.8	103	42	2.44	5	20	7	4	sw.
1917	66.3	98	31	3.09	7	18	7	6	w.
1918	72.6	100	31	3.48	7	19	8	4	sw.
1919	71.0	96	42	5.23	11	12	11	8	s.
1920	67.6	94	42	1.77	6	16	9	6	ne.
Period	71.3	106	30	3.46	8	16	9	6	sw.

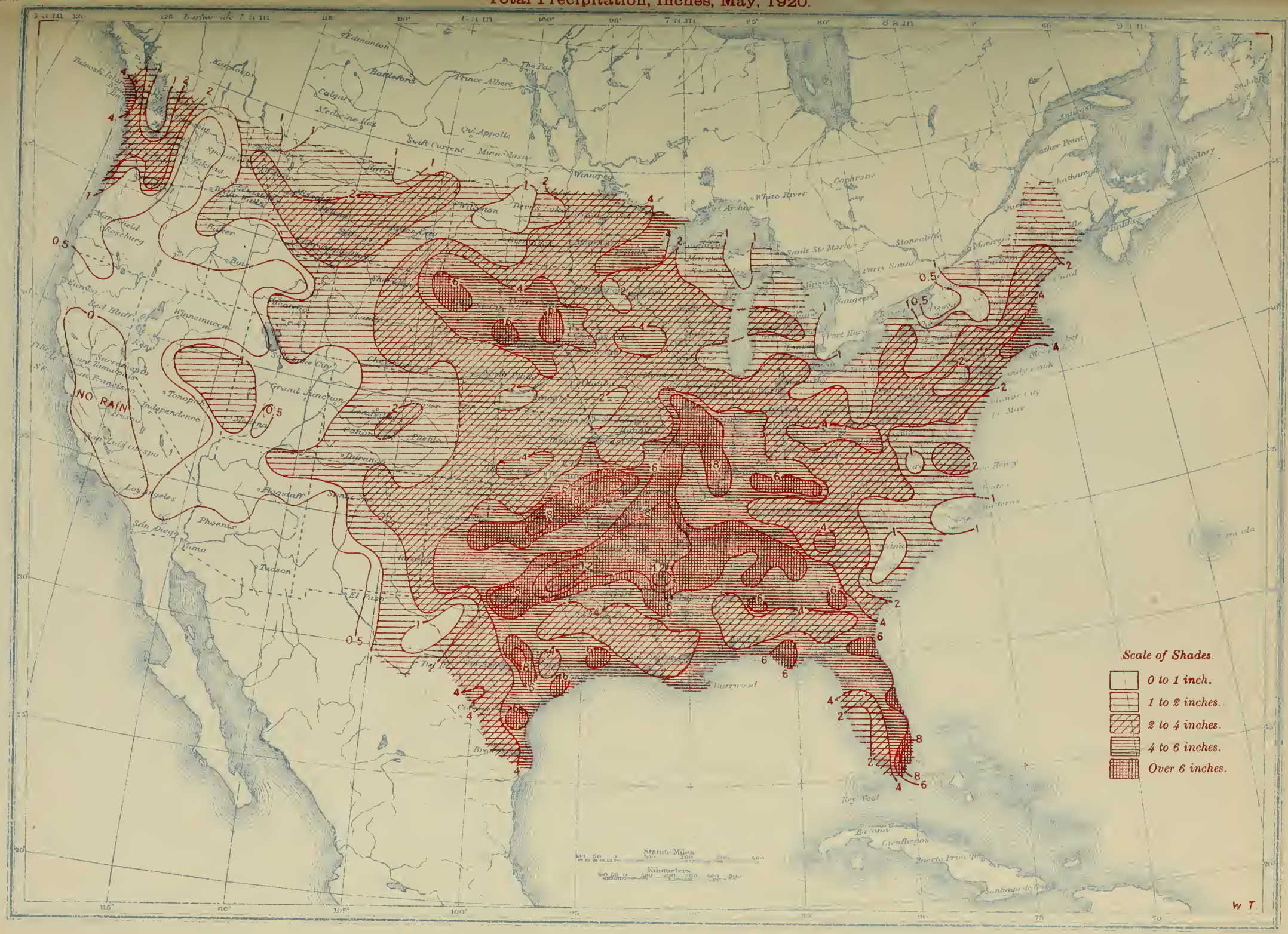
Daily Temperatures for May, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	83	79	87	72	79	80	72	76	77	80	83	84	88	79	78	75	75	77	74	71	76	88	91	92	88	70	78	83	86	90	90	80.7
	Minimum	62	58	62	58	58	52	54	60	54	52	57	61	68	63	44	56	55	59	62	57	56	62	65	60	63	57	62	58	61	63	60	58.7
Blackville	Maximum	86	90	73	82	78	72	81	79	85	82	89	90	81	81	77	78	81	76	75	85	91	94	94	90	74	80	84	87	94	93	89	83.6
	Minimum	60	60	55	55	58	51	49	58	49	50	54	60	68	62	52	53	52	60	60	55	57	60	60	60	64	55	62	55	60	63	59	57.3
Bowman	Maximum	89	95	80	78	70	72	74	71	82	83	84	88	85	75	72	75	77	75	74	85	89	90	90	89	80	78	84	85	88	89	90	81.8
	Minimum	55	62	54	54	55	48	49	48	49	53	54	57	65	59	50	49	50	50	52	55	60	58	55	56	54	55	55	53	54	55	64	54.4
Charleston	Maximum	88	78	71	71	69	66	71	72	78	80	80	82	88	70	68	68	71	73	70	74	79	84	80	73	68	72	73	76	82	80	75	75.2
	Minimum	65	64	64	60	62	58	58	61	60	60	64	66	68	63	58	58	58	66	61	62	63	66	67	62	62	60	62	60	63	66	65	62.3
Cheraw	Maximum	78	78	73	71	70	72	78	70	73	82	82	87	80	77	74	73	79	82	78	82	86	89	89	85	76	78	82	87	94	92	90	80.3
	Minimum	57	47	56	49	56	43	43	56	50	47	55	59	68	57	43	44	43	56	59	55	59	60	54	53	62	51	57	52	58	59	52	53.5
Conway	Maximum	84	82	72	75	63	69	74	75	78	82	85	87	81	75	73	70	73	75	74	79	84	84	88	81	70	70	75	77	83	84	82	77.5
	Minimum	60	53	57	49	55	45	49	56	51	48	52	55	65	59	55	49	42	57	60	52	55	61	56	53	62	51	57	56	61	59	58	54.8
Darlington §§	Maximum	85	81	74	79	70	72	79	70	78	85	86	87	79	74	71	73	78	76	76	83	85	....	....	80	66	74	73	81	89	85	81	[b]78.3
	Minimum	61	50	56	49	56	45	45	54	48	47	52	59	66	58	48	47	44	57	58	54	56	61	....	....	63	52	59	54	59	58	55	[b]54.2
Ferguson §§	Maximum	79	81	71	76	67	75	77	77	77	82	80	86	79	80	77	76	75	76	79	80	85	87	80	81	69	74	75	80	86	82	79	78.3
	Minimum	61	56	59	55	57	50	52	53	50	48	51	57	67	63	64	62	62	54	59	56	56	61	61	58	64	56	62	56	57	59	59	57.6
Florence 1	Maximum	85	82	85	81	70	74	81	78	80	87	88	89	78	75	73	76	80	79	78	86	88	89	89	83	78	74	78	83	90	88	90	81.8
	Minimum	57	53	57	52	56	45	48	54	50	51	54	60	65	58	50	49	48	53	58	57	60	62	59	57	59	54	58	56	61	62	58	55.5
Garnett	Maximum	89	90	77	80	83	73	79	77	82	84	....	....	84	80	79	78	80	81	72	85	88	93	91	88	75	79	82	86	90	91	86	[b]82.8
	Minimum	60	57	61	57	56	56	55	59	55	51	....	....	66	62	56	55	55	60	61	57	56	61	64	61	63	57	62	58	61	61	61	[b]58.8
Georgetown	Maximum	86	81	78	76	85	72	80	78	78	82	83	88	85	74	72	70	74	78	75	79	82	80	90	84	70	73	74	79	80	82	86	79.2
	Minimum	62	59	52	52	57	48	52	52	54	52	55	59	65	61	56	55	50	60	58	59	57	55	59	55	63	52	54	53	52	59	59	56.0
Kingstree	Maximum	85	84	74	80	69	70	80	77	77	86	87	89	82	79	72	73	79	81	77	83	87	87	89	82	78	73	76	81	91	88	87	80.7
	Minimum	59	55	60	50	60	48	50	56	54	50	53	57	67	61	55	51	51	60	60	58	61	61	60	57	64	55	61	52	61	61	59	57.0
Oaks	Maximum	80	80	70	75	70	68	75	....	....	....	....	75	85	72	71	70	70	76	....	76	82	80	85	80	79	73	74	81	85	90	86	[c]77.2
	Minimum	60	61	55	50	52	44	49	....	....	49	....	....	62	61	55	49	55	55	....	58	55	58	58	54	60	63	60	57	61	57	57	[c]56.0
Orangeburg 1	Maximum	88	86	75	79	69	71	79	77	81	82	87	91	82	76	74	74	76	77	74	84	87	90	90	86	78	78	82	86	90	90	82	81.3
	Minimum	59	55	58	55	57	49	48	56	51	47	52	56	65	60	52	49	49	59	60	55	56	59	58	57	62	57	61	55	59	60	58	55.9
Paris Island §§§	Maximum	89	84	74	77	79	78	77	75	77	81	84	81	84	72	70	69	76	81	76	89	86	85	83	84	72	72	78	80	84	83	80	79.4
	Minimum	63	63	63	60	71	59	58	64	68	59	62	65	69	65	58	67	60	65	62	62	64	64	64	62	65	60	62	60	65	64	65	63.1
St. George	Maximum	91	90	81	80	78	74	79	76	84	85	86	89	81	87	79	72	77	76	77	89	89	91	91	88	77	78	81	86	91	92	86	83.3
	Minimum	63	53	63	55	57	52	53	58	53	54	55	60	67	64	54	53	52	60	59	59	57	57	63	59	61	57	62	57	62	63	61	58.2
St. Matthews §§	Maximum	90	83	75	78	72	78	81	79	75	85	87	84	85	81	85	77	76	76	78	86	90	92	91	88	78	78	85	88	92	93	92	83.2
	Minimum	54	58	55	55	52	46	53	49	46	55	60	60	60	56	54	52	53	51	53	50	60	61	60	65	52	57	62	55	60	62	58	55.6
Society Hill §§§	Maximum	81	78	73	79	68	70	...	70	77	84	86	89	79	75	70	73	74	75	71	82	85	85	87	80	63	75	80	81	....	88	73	[b]77.6
	Minimum	60	50	55	49	55	44	42	51	49	46	55	59	67	57	47	44	43	56	58	53	59	61	54	54	61	52	58	52	58	...	53	[a]53.4
Summerville	Maximum	85	84	73	77	70	76	70	71	76	81	81	83	82	74	72	72	75	76	69	80	84	87	86	80	71	74	76	82	85	86	78	77.9
	Minimum	62	58	63	56	56	52	54	57	56	54	56	60	67	64	54	52	53	60	59	60	57	62	64	59	62	55	62	58	62	62	62	58.6
Walterboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Yemassee	Maximum	89	89	75	79	81	73	78	77	80	83	83	87	83	78	79	75	78	77	70	82	85	90	88	86	72	77	80	85	88	88	80	81.1
	Minimum	57	55	60	55	55	54	53	57	52	49	55	56	66	62	54	53	53	60	60	56	55	59	62	60	60	56	60	56	60	60	60	57.1
Western Portion.																																	
Aiken	Maximum	85	85	83	76	74	69	77	76	78	82	83	85	83	74	72	72	73	71	73	81	84	88	89	85	84	76	81	85	88	88	85	80.2
	Minimum	58	58	59	57	58	50	50	58	54	56	57	61	64	60	51	53	53	65	63	60	64	67	61	63	57	61	57	63	64	62	62	58.7
Anderson	Maximum	87	76	67	78	68	67	77	71	77	78	80	84	71	70	66	73	68	63	77	76	78	84	86	79	67	75	78	80	85	87	82	76.0
	Minimum	59	54	55	52	56	51	49	60	48	53	55	61	64	58	49	49	50	57	57	58	61	63	65	62	61	55	60	58	63	64	62	57.1
Batesburg	Maximum	87	82	72	74	80	72	72	78	77	78	80	89	78	72	70	71	72	72	73	83	85	87	88	85	75	76	80	85	88	87	85	79.1
	Minimum	63	56	54	53	53	53	48	59	58	54	55	58	64	58	49	50	49	57	58	56	60	63	65	60	64	54	59	56	61	62	59	57.0
Calhoun Falls §§§	Maximum	90	85	83	73	73	70	78	77	82	83	87	88	75	75	70	76	70	65	76	84	83	90	92	89	67	75	81	87	89	91	88	80.4
	Minimum	51	52	53	55	48	51	47	48	44	48	48	56	63	57	48	49	47	50	56	53	56	59	61	60	60	55	56	55	57	62	61	53.7
Camden §§§	Maximur	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	81	76	67	75	71	68	72	74	75	76	79	86	76	76	72	70	66	61	72	76	78	....	84	80	75	73	78	82	82	81	80	[a]75.4
	Minimum	56	50	55	50	53	56	46	60	46	48	49	55	65	59	51	48	49	57	57	55	60	....	59	63	63	57	62	57	60	64	64	[a]55.8
Columbia	Maximum	84	81	72	78	65	69	77	75	78	83	84	87	74	74	70	70	73	73	74	81	85	87	88	82	72	76	80	83	87	86	84	78.5
	Minimum	62	57	58	56	59	49	48	60	51	56	59	62	65	59	51	50	50	58	60	58	62	66	65	60	60	55	61	56	61	64	60	58.0
Greenville	Maximum	80	73	68	76	68	66	72	73	78	78	80	82	74	72	67	69	67	61	72	78	79	85	87	83	66	73	79	84	86	84	82	75.5
	Minimum	60	52	54	51	57	49	47	59	53	50	56	61	63	55	47	50	49	55	56	57	62	65	66	60	59	55	60	58	62	66	63	56.9
Greenwood	Maximum	86	80	65	74	70	66	74	73	78	80	80	84	72	71	67	69	68	66	70	79	80	84	84	80	65	75	79	84	84	85	81	75.9
	Minimum	60	55	54	51	56	49	47	60	52	53	57	60	64	57	49	50	49	57	58	57	61	63	64	59	62	55	60	56	61	63	60	56.7
Heath Spring	Maximum	82	83	80	75	75	71	75	70	75	82	83	86	84	80	76	72	71	72	75	84	86	85	85	84	81	77	78	80	83	85	83	79.3
	Minimum	61	60	57	50	55	45	45	58	51	55	58	60	64	55	47	46	56	57	54	61	63	59	54	53	59	57	58	53	58	60	57	55.7
Kershaw	Maximum	82	77	72	79	73	70	77	73	76	83	84	88	81	75	72	73	73	74	75	83	86	87	88	85	77	78	82	86	90	88	86	79.8
	Minimum	57	50	56	49	55	45	47	58	50	50	58	60	65	56	48	45	45	55	58	55	62	62	55	54	60	52	58	53	57	59	56	54.5
Landrum	Maximum	81	74	69	77	69	69	79	75	77	80	82	85	76	72	70	71	67	63	74	78	81	86	88	82	69	79	82	87	88	86	82	77.4
	Minimum	58	45	56	44	55	46	44	58	47	46	53	59	63	52	43	44	42	55	55	49	61	61	58	55	61	54	60	55	56	59	61	53.4
Laurens §§§	Maximum	89	80	69	78	67	69	76	74	79	81	83	86	76	73	68	77	64	66	74	80	82	85	87	84	66	80	....	84	86	86	88	[a]77.9
	Minimum	58	46	56	46	54	49	43	52	44	45	50	55	55	57	49	45	44	53	58	53	59	57	62	59	62	55	57	....	55	58	59	[a]53.2
Liberty	Maximum	87	78	74	80	70	69	77	75	82	79	84	87	79	77	71	75	66	66	76	82	82	88	90	89	70	71	82	86	89	89	84	79.2
	Minimum	59	50	53	55	55	52	57	56	49	48	52	61	60	59	48	50	49	49	54	54	61	59	63	62	61	55	62	55	60	67	66	56.2
Little Mountain	Maximum	85	78	70	78	67	70	75	73	75	81	84	84	78	73	70	70	70	68	72	85	81	83	87	83	75	75	76	84	82	84	87	77.5
	Minimum	61	60	56	50	48	50	50	60	55	50	58	60	64	58	48	50	49	57	58	62	68	69	60	60	61	60	59	65	60	62	62	57.7
Meriwether	Maximum	....	....	....	76	....	....	....	....	....	84	86	90	74	75	....	68	76	75	74	85	86	..	91	90	81	78	81	87	89	90	89	[b]82.1
	Minimum	....	....	....	55	....	....	....	....	....	45	53	55	51	44	....	43	46	47	57	54	55	....	57	56	61	54	59	52	54	56	60	[b]53.0
Monetta	Maximum	86	84	75	78	72	71	79	76	78	82	83	86	82	74	71	72	73	73	82	85	89	89	87	80	76	80	85	89	89	90	87	80.2
	Minimum	61	56	56	54	56	49	48	58	52	53	55	59	65	59	50	49	50	58	59	55	59	62	66	61	61	55	60	57	60	61	60	56.9
Newberry	Maximum	85	78	75	82	70	76	78	79	80	85	86	85	70	75	76	73	75	74	76	85	83	85	88	86	89	82	85	88	94	90	89	81.4
	Minimum	43	58	57	49	50	44	47	60	43	46	50	58	60	59	46	47	48	55	57	55	52	56	58	55	57	60	57	54	60	60	58	53.4
Saluda	Maximum	86	84	71	77	71	70	77	77	82	83	85	88	80	76	70	71	73	71	74	84	86	84	90	85	75	79	82	87	90	87	87	80.1
	Minimum	57	47	54	47	56	49	44	58	42	45	59	60	64	59	50	45	45	57	58	51	57	58	64	60	61	54	59	50	55	57	57	53.9
Santuck	Maximum	82	71	71	84	70	72	81	76	79	84	85	89	....	76	74	74	77	70	78	87	87	88	90	90	70	79	81	87	90	92	88	[a]80.7
	Minimum	44	57	53	45	53	46	43	59	42	44	49	55	....	56	48	44	43	57	59	51	60	58	59	55	61	50	59	49	56	57	56	[a]52.3
Spartanburg	Maximum	82	75	70	81	74	70	77	74	69	83	85	88	82	74	71	74	71	76	81	85	86	88	86	81	76	80	86	88	88	88	85	79.8
	Minimum	59	47	54	46	55	47	46	60	47	48	51	58	64	55	47	45	44	56	54	54	60	61	58	58	53	53	55	55	59	59	58	53.7
Trenton	Maximum	85	82	67	71	71	68	77	78	79	82	83	86	72	75	70	73	73	73	76	83	83	88	88	84	78	82	83	85	88	89	89	79.3
	Minimum	56	54	56	53	58	48	48	48	53	54	57	58	64	60	50	50	51	58	52	58	64	68	61	67	61	53	54	55	57	63	61	56.4
Walhalla	Maximum	87	78	68	77	71	67	74	78	80	80	82	85	77	74	68	72	65	63	74	78	80	86	88	83	71	74	82	85	87	86	81	77.3
	Minimum	53	48	59	47	53	52	46	57	44	45	47	52	63	54	48	48	50	55	56	55	58	63	61	61	56	60	54	59	64	64	64	54.1
Winnsboro	Maximum	85	81	70	80	....	....	71	....	77	80	84	85	88	75	74	70	73	74	71	76	82	86	87	88	86	66	77	81	84	89	87	[b]79.1
	Minimum	58	52	56	51	58	....	46	....	49	54	59	60	64	57	48	47	47	54	58	55	60	63	61	58	63	52	58	56	60	63	59	[b]56.6
Winthrop College	Maximum	80	75	72	79	73	72	75	74	80	82	84	88	82	76	72	74	73	69	77	82	85	85	86	80	75	....	....	....	....	....	....	[b]78.4
	Minimum	57	49	54	50	46	48	48	58	52	51	55	60	65	54	46	45	47	56	58	56	62	63	58	55	60	51	55	54	53	60	58	54.3

Reference letters (a, b, c), appearing in the table indicate number of days missing: For example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Total Precipitation, Inches, May, 1920.



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CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

JUNE, 1920

BY
RICHARD H. SULLIVAN
METEOROLOGIST

WEATHER BUREAU OFFICE
COLUMBIA, S. C.
July 23, 1920

Departure of the Mean Temperature from the Normal, June, 1920.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., JUNE, 1920 No. 6.

GENERAL SUMMARY.

Precipitation was considerably below normal, and sunshine was unusually abundant. While the monthly mean temperature was near the seasonal average, the weather was abnormally cool during the first and last decades, when the averages ranged 5 to 12 degrees per day below normal, and a marked heat wave of 5 to 10 degrees per day above the average prevailed from the 12th to the 18th.

The bountiful rains of the 4th and 5th were of incalculable benefit to growing crops, and all fields were in a high state of cultivation. The hot, dry weather of the middle of the month was especially favorable for cotton, which recovered materially from its generally backward condition; the first blooms of the season were observed in Richland and Orangeburg Counties on the 19th, or 9 days later than last season, and crop was vigorous and blooming freely at the end of the month, though still somewhat backward up-State. The grain harvests were completed about the 22d, and threshing showed fair to good wheat output and good to excellent oat and rye yields. Corn, though still backward, was in generally satisfactory condition, but in need of rain at the close of the month, when much of the early crop was laid by, with a roasting ear stage in the southern counties. White potato digging ended about the 15th, with highly satisfactory returns. Sweet potato transplanting was finished about the close of the month. Tobacco was in fair to good condition, and curing began in some sections at the end of the month. The strawberry season closed about the 15th, and peaches and blackberries were plentiful, with good prospects for other fruits. The month closed with cotton still somewhat backward in the Piedmont, corn in all stages of advancement and all vegetation in need of generous rains. The weevil was damaging in some southern sections about the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.02 inches. The highest pressure in the region covered by reports was 30.36 inches at Asheville, N. C., and Columbia, S. C., on the 27th; the lowest pressure was 29.60 inches at Charlotte, N. C., on the 17th, and in the Section proper, 29.67 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 45 stations, was 77.4°, or 0.1° below normal. The highest temperature was 105° at St. Matthews, Calhoun County, on the 16th. The warmest period was from the 12th to the 18th. The lowest temperature was 52° at Bowman, Orangeburg County; at Meriwether, McCormick County; at Santuck, Union County, and at Society Hill, Darlington County, on the 8th. The coolest periods of the month were on the 1st and 2d, from the 4th to the 10th and between the 19th and 28th.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 75%; noon, 51%; 8 p. m., 66%. The highest percentages occurred over the southern coast district, and the lowest, over the middle Savannah watershed and the north-central counties.

PRECIPITATION.

The average for the Section, 59 stations reporting, was 3.41 inches, or 1.54 inches below the established normal. The rainfall was confined principally to two periods and was well distributed as to area; but the amounts were far below normal in much the greater portion of the Section, ranging downward from 4 inches to less than 1 inch (Colleton County), while in small sections of the upper and lower coastal plains and the extreme northwestern counties the amounts were in excess of 5 inches. The greatest local monthly amount was 6.57 inches at Georgetown, Georgetown County, and the least local monthly amount was 0.76 inch at Walterboro, Colleton County. The greatest amount during any 24 hours was 3.47 inches at Greenville on the 4th and 5th. The number of rainy days was 40% below normal.

A small tornado occurred just east of Greenville at 4.30 p. m., June 14, injuring two persons and wrecking a store building on the Laurens Road, causing damage estimated at about $5,500. The storm moved from northwest to southeast.

Light hail occurred at Florence No. 2, Florence County, on the 19th, and at Garnett, Hampton County, on the 12th.

WIND.

The prevailing wind was from the south. The average hourly velocity, determined from 8 anemometer records, was 7.3 miles. The highest average velocity was 10.7 miles per hour at Charleston and Savannah, Ga.; the lowest average was 4.4 miles per hour at Charlotte, N. C., and in the Section proper, 6.3 miles per hour at Columbia. The highest velocity for any 5-minute period was 37 miles per hour from the north at Greenville on the 5th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 323.0 hours, or 75% of the possible amount. The average number of clear days was 19; partly cloudy, 7, and cloudy, 4, as against normals of 12, 11, and 7 days, respectively.

RIVER CONDITIONS.

Copious to heavy rainfall up-State on the 4th and 5th was followed by marked rises in the upper streams of the Santee District, with a flood stage at Pelzer on the 6th and a flood stage at Rimini on the 10th. Otherwise, the rivers of the Section were low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Earthquake.—Summerville, slight, 9:01 a. m., 5th.
Halos—Solar: Greenville, 17, 18.

MISCELLANEOUS DATA FOR JUNE, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.04	68.6	88	50	2.42	0.85	6.1	nw.	81	53	66	67
Augusta, Ga.....	30.01	79.5	100	60	3.22	1.48	5.2	se.	72	46	55	83
Charleston, S. C...	30.02	78.4	97	63	2.45	1.82	10.7	sw.	74	60	74	78
Charlotte, N. C ...	30.00	75.6	96	56	3.56	1.26	4.4	sw.	72	48	58	72
Columbia, S. C....	30.02	78.6	100	58	2.16	1.25	6.3	s.	74	47	64	76
Greenville, S. C...	30.00	75.0	94	57	6.11	3.47	7.5	w.	72	50	61	72
Savannah, Ga.....	30.03	78.2	100	63	6.16	2.63	10.7	sw.	78	57	75	79
Wilmington, N. C.	30.03	76.6	98	57	3.96	1.80	7.4	w.	75	50	72	71
Means and extremes	30.02	76.2	100	50	3.76	3.47	7.3	sw.	75	51	66	75

Climatological Data for June, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	39	78.8	−0.2	100	17	57	28	33	2.37	−3.03	0.95	0	7	18	19	1	w.	R. B. Vance.
Blackville	Barnwell	296	37	79.4	−0.1	102	†12	56	† 8	42	4.65	−1.57	1.85	0	5	18	8	4	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	78.0	0.0	102	14	52	8	41	4.97	−0.77	2.02	0	7	24	4	2	w.	B. O. Evans.
Charleston	Charleston	48	49	78.4	−0.1	97	17	63	9	24	2.45	−2.94	1.82	0	5	10	11	9	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	78.2	+0.8	101	16	55	8	41	4.23	−1.03	1.31	0	4	...	...	...	.....	Roland D. Powe.
Conway	Horry	25	32	[b]77.5	+0.4	101	16	[b]55	8	[b]36	2.50	−2.57	1.05	0	4	14	1	15	se.	Paul Quattlebaum.
Darlington	Darlington	175	25	[d]78.2	−1.3	[c]101	14	[d]54	8	[d]37	2.10	−3.63	1.05	0	4	20	4	6	.....	D. C. McCall.
Edisto	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	2.11	−4.48	0.75	0	8	...	...	...	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	5.46	−0.79	2.25	0	8	...	...	...	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	77.2	+0.1	99	16	55	28	35	2.38	−3.46	1.01	0	5	...	...	...	.....	Henry C. Savage.
Florence 1	Florence	136	39	78.9	+0.2	102	†13	57	8	38	5.74	+0.33	2.65	0	8	22	4	4	s.	H. K. Gilbert.
Florence 2	.....do	136	5	.....	.....	.....	.....	.....	.....	.....	4.51	−0.90	2.05	0	8	23	7	0	w.	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	78.6	. .	101	16	55	9	41	4.23	.....	1.65	0	9	5	21	4	e.	Maner B. Robert.
Georgetown	Georgetown	12	28	77.5	−1.1	102	16	54	8	36	6.57	+0.68	1.50	0	7	16	10	4	s.	A. P. Hazard.
Kingstree	Williamsburg	54	39	79.1	+1.0	103	17	56	† 8	39	1.17	−4.25	0.40	0	6	25	1	4	s.	W. H. Matthews.
Oaks	Georgetown	.....	5	[c]78.9	.....	100	30	[c]55	8	[c]37	5.21	.....	1.85	0	8	18	10	2	s.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	78.2	.....	101	†15	55	† 8	40	1.85	.....	0.64	0	7	19	6	5	s.	U. S. Fisheries Station.
Orangeburg 2	.....do	264	...	.....	.....	.....	.....	.....	.....	.....	1.25	.....	1.10	0	2	20	9	1	se.	State A. and M. College.
Paris Island	Beaufort	13	36	[b]79.4	+0.1	99	†15	[b]62	11	[b]32	3.01	−2.06	1.08	0	4	24	2	4	e.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	74.8	−1.8	95	†14	60	8	.....	3.05	−2.88	1.02	0	6	19	0	11	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	1.50	.....	0.42	0	6	...	...	...	.....	William B. Wolfe.
St. George	Dorchester	109	39	79.4	+0.8	103	14	56	9	40	2.93	−2.50	1.63	0	8	28	0	2	se.	Miss Alma T. Whiteside.
St. Matthews	Calhoun	62	39	79.5	+1.7	105	16	55	† 9	43	2.15	−3.82	0.89	0	5	23	6	1	e.	Miss Frances M. Antley.
Society Hill	Darlington	192	30	76.7	−0.4	100	†12	52	8	36	2.78	−3.05	1.12	0	6	24	2	4	s.	A. H. Rogers.
Summerville	Dorchester	75	23	77.6	+0.2	100	16	57	† 8	35	1.61	−4.12	1.17	0	5	16	14	0	sw.	Mrs. William Robertson.
Walterboro	Colleton	69	18	.....	.....	[1]100	16	.....	.....	.....	0.76	−5.42	0.55	0	3	...	...	...	.....	J. N. Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	2.77	.....	0.81	0	8	...	...	...	.....	Combahee Company.
Yemassee	Hampton	24	32	77.2	−1.4	100	16	54	† 9	41	4.12	−2.06	1.23	0	7	23	2	5	s.	W. C. Hutson.
Division means and	extremes	.....	....	78.2	+0.2	105	16	52	8	44	3.14	−2.68	2.65	0	6	19	7	4	s.	
Western Portion.																				
Aiken	Aiken	527	59	78.4	+0.8	98	†13	59	8	32	4.17	- 0.50	2.43	0	4	21	2	4	ne.	Frank B. McCoy.
Anderson	Anderson	764	25	76.4	0.0	96	†11	59	† 7	30	3.55	−1.14	1.33	0	6	15	8	7	w.	H. H. Russell.
Batesburg	Lexington	656	37	77.5	−0.3	98	†14	57	8	31	3.19	−1.89	1.49	0	5	21	8	1	sw.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	2.51	−2.53	1.22	0	7	...	...	...	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	76.4	.....	100	13	54	8	34	2.74	−2.13	1.02	0	5	19	7	4	e.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	1.30	−3.21	0.80	0	3	...	...	...	.....	W. C. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	3.16	−2.27	1.41	0	5	..	...	...	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	..	...	...	...	...	2.05	- 2.23	1.00	0	6	..	...	...	.....	J. J. Murran.
Clemson College	Oconee	850	29	74.8	−1.0	93	16	57	8	27	5.43	+0.49	1.91	0	5	18	7	5	.....	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	78.2	+0.4	100	16	58	8	28	2.16	−2.02	1.25	0	7	16	9	5	s.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	....	.....	.....	.....	.....	.....	1.85	.....	0.75	0	4	....	...	...	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	3.67	−1.60	0.87	0	10	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	75.0	+0.6	94	13	57	8	31	6.11	+0.90	3.47	0	7	13	10	7	w.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	76.2	−1.6	98	16	58	8	28	2.71	−1.59	1.05	0	5	15	5	10	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	76.3	−0.8	99	16	55	8	33	4.11	−1.50	1.87	0	4	21	6	3	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	77.0	.....	99	16	53	8	37	4.86	.....	1.88	0	5	18	4	8	w.	John W. Hamel.
Landrum	Spartanburg	1063	5	74.6	.....	96	†11	53	8	37	6.38	.....	2.06	0	9	19	7	4	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	75.0	.....	97	†15	57	7	33	3.55	.....	1.41	0	6	22	8	0	.....	Perry A. Simpson.
Liberty	Pickens	900	21	75.8	−0.5	98	12	57	† 8	36	5.99	+0.59	1.90	0	9	16	12	2	sw.	John T. Boggs.
Little Mountain	Newberry	711	28	77.4	−0.5	99	16	59	8	32	2.36	- 2.25	1.17	0	6	21	3	6	w.	J. M. Sease, M. D.
Meriwether	McCormick	450	18	[d]77.8	+0.3	[d]102	†13	[d]52	8	[d]37	2.51	−2.22	1.40	0	3	....	...	...	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	78.0	+0.8	100	†14	56	8	34	3.80	−1.88	1.76	0	6	16	12	2	s.	Joseph M. Johnson.
Newberry	Newberry	502	17	78.7	+0.3	101	16	54	9	38	2.83	−1.53	0.90	0	6	23	3	4	sw.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	6.28	+1.76	2.14	0	6	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	76.6	−2.0	102	15	34	8	38	5.42	+0.40	2.15	0	7	26	3	1	s.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	76.1	−0.6	98	16	52	8	37	3.34	−0.89	1.40	0	6	22	4	4	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	75.9	−0.2	99	16	56	8	34	3.62	−1.19	1.60	0	8	....	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	28	78.0	−0.5	99	16	58	8	34	2.68	−1.99	1.40	0	5	21	6	3	s.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	74.4	−0.2	97	†12	56	9	35	5.02	−0.18	1.82	0	9	20	7	3	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	78.2	+1.5	101	†15	56	8	31	3.38	−1.00	1.24	0	8	19	6	5	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	21	[f]78.3	+2.3	[f]101	16	55	7	[f]35	2.53	−2.85	0.82	0	6	21	3	6	s.	W. P. Goodman.
Division means and	extremes	.....	....	76.7	−0.3	104	16	52	8	38	3.65	- 1.23	3.47	0	6	19	7	4	w.	
Section means and	extremes	.....	....	77.4	−0.1	105	16	52	8	44	3.41	−1.54	3.47	0	6	19	7	4	s.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. †† Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for June, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah					.95	.35							.40	.20				..	.10		.22				.15							2.37
Blackville ‖‖	Edisto					1.65	.20								.80		.65				.75												4.05
Bowman	do				.46	.38								.08	2.02					1.70				.18	.15							4.97
Charleston ***	Coast			T.		1.82										T.		T.	.06			.42		T	.08	.07						2.45
Cheraw ‖‖	Pee Dee				1.31	1.30															.75	.87				T.						4.23
Conway ‖‖	Waccamaw					.33	1.05														.39				.73								2.50
Darlington ‖‖	Pee Dee					.43	.12											T.		1.05	.50											2.10
Edisto ‖‖	Edisto				.28	.34	.11								.10		.33			.20	.21	.54										2.11
Ellingham ‖‖	Lynches				T.	.60	.20										1.05			2.25	.11	1.02			.16	.07						5.46
Ferguson ‖	Santee			T.		1.01	.30								.43		T.		T.	.20		.44			T.							2.38
Florence 1 ‖‖	Pee Dee					.70	.31										.04			2.65	.80	.65			.06	.53						5.74
Florence 2 ‖‖	do					.47	.30										.03			2.05	.10	.80			.28	.48						4.51
Garnett	Savannah		.05	.01	.96	1.65	.01						1.00					.24	T.	T.	.14			T.	.17							4.23
Georgetown	Coast		.12		1.10	1.40														1.25	1.50	1.05		T	.15							6.57
Kingstree ‖‖	Black				.10	.40	.17										.10			.10		.30										1.17
Oaks	do				.20	1.85	.20									.06			.06	1.69	1.05				.10							5.21
Orangeburg 1	Edisto					.64	.25							.20			.11		T.		.16	.35				.14						1.85
Orangeburg 2	do				.15	1.10										T.									T.							1.25
Paris Island	Coast																			.06			.95		1.08	.92						3.01
Pinopolis	Cooper				.53	.60			.65										1.02		.11				.14							3.05
Rimini ‖‖	Santee					.25	.30							.33						.07	.35	.20										1.50
St. George ‖‖	Edisto				.05	.43	.45										1.64			.20	.05	.07				.04						2.93
St. Matthews ‖‖	Santee					.70	.12														.41	.89				.03						2.15
Society Hill ‖‖	do					.41	.26										.17			.34	.49	1.12										2.78
Summerville	Ashley					.10	.15							T.	T.	T.				.11	T.	T.		.11	1.17	T.						1.64
Walterboro	Ashepoo				.55	.10								T.		.11		T.			T.										0.76
Whitehall (near)	Combahee				.05	.81	.58	.39										.62	.04					.17	.11							2.77
Yemassee ‖‖	Ashepoo				1.23	.86								.55					.17	T.		.17			.95	.19						4.12
Western Portion.																																	
Aiken	Edisto					2.43														.75	.51	.33				.15						4.17
Anderson	Savannah				.59	.61	.28											.17			1.33				.57							3.55
Batesburg ‖‖	Edisto					1.49	.24													.32	.71	.43										3.19
Blairs ‖‖	Broad					.70	.09										.14			.16	1.22	.18				.02						2.51
Calhoun Falls ‖‖	Savannah					.91	.03													.62	1.02		T.		.16							2.74
Camden ‖‖	Wateree					.80														.28	.22											1.30
Catawba ‖‖	Catawba					.33	.24													.65	.53	1.41										3.16
Chappells ‖‖	Saluda					.30	.20													.05	1.00	.30			.20							2.05
Clemson College	Savannah		T.		1.27	1.91					T.								.12		1.46			T.	.67							5.43
Columbia ***	Congaree					77	.18									.03			.27	.23	.30	.08			T.	T.						2.16
Edgefield ‖‖	Savannah					.75	.10														.60	.40										1.85
Gaston Shoals ‖‖	Broad			T.	.16	.87	.71									.17	T.	.40		.04	.14	.61			.45	.12						3.67
Greenville ***	Saluda	T.	T.	T.	.62	3.08								.08	T	T.	T.	.04		.39	1.29	T.		T.	.61				T.			6.11
Greenwood ‖‖	do					.98														.12	1.05	.50		.06								2.71
Heath Spring	Wateree				1.87	.82														.97	.45											4.11
Kershaw ‖‖	Lynches					1.88	.83													.21	1.45	.41										4.86
Landrum	Broad			.31	2.06	.46									T.	.17			.11	1.10	1.51	.49		.17								6.38
Laurens ‖‖	Saluda					.85													.18	.39	1.41	.27			.15							3.55
Liberty	Savannah		T.	T.	1.90	1.85					T.			T.	.01			.02	.04	1.10	.25	.02		.80								5.99
Little Mountain	Saluda					.04	1.17									T.			.15	.45	.40					.15						2.36
Meriwether	Savannah						T.	.90												.21	1.40											2.51
Monetta	Edisto				.28	1.05													.32	.25	1.76				.14							3.80
Newberry	Saluda					.72													.18	.10	.90	.75			.18							2.83
Pelzer ‖‖	do			T.	T.	2.14	1.44												T.	.22	.68	1.28			.52	T.						6.28
Saluda	do				2.15	.71													.60	.45	1.20	.20			.08							5.42
Santuck	Broad					.67	.81												.07	.05	1.40				.34							3.34
Spartanburg ‖‖	do				.15	1.40	.38													.10	.28	.58	.10		.43	T.						3.62
Trenton	Edisto				.25	.68													T.	T.	1.40	.05			.30							2.68
Walhalla	Savannah		.21		1.50	.54					T.					.05		T.	.12	.46	1.82			T.	.17				.15			5.02
Winnsboro	Broad					.05	1.24	1.02									.12			.12	.68	.14			.01							3.38
Winthrop College	Catawba			.04	.12	.65														.10	.80				.82							2.53

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation mensured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.9	107	44	3.53	8				
1888	78.1	102	51	2.73	7				sw.
1889	74.4	99	39	5.10	10				se.
1890	80.9	103	56	2.41	8				sw.
1891	79.3			3.20					
1892	75.1	99	53	5.25					sw.
1893	76.5	96	53	7.64	12	10	11	9	se.
1894	77.0	105	41	3.91	8	13	12	5	sw.
1895	78.2	105	50	3.04	8	13	13	4	sw.
1896	77.9	102	52	5.42	12	11	12	7	sw.
1897	79.2	103	49	5.44	12	10	13	7	sw.
1898	79.7	105	55	4.15	8	17	10	3	sw.
1899	79.4	105	48	3.89	8	14	10	6	sw.
1900	76.2	97	52	7.94	14	4	15	11	sw.
1901	76.7	102	48	6.55	12	9	12	9	sw.
1902	78.5	105	52	4.48	9	15	10	5	sw.
1903	74.2	96	42	8.09	14	11	10	9	sw.
1904	77.0*	102	48	4.06	8	18	7	5	sw.
1905	78.9	101	43	1.92	6	6	14	10	e.
1906	78.4	102	52	8.88	12	13	8	9	sw.
1907	75.8	99	50	5.92	10	12	13	5	sw.
1908	76.6	100	48	4.90	9	13	13	4	ne.
1909	79.2	105	58	6.87	12	10	14	6	sw.
1910	75.5	98	46	7.78	13	10	11	9	sw.
1911	80.9	106	54	3.42	8	14	12	4	sw.
1912	75.5	101	48	5.68	9	13	7	10	sw.
1913	76.2	105	40	5.53	12	15	9	6	sw.
1914	81.1	108	50	3.80	8	14	12	4	sw.
1915	76.0	103	49	4.26	9	14	10	6	s.
1916	76.4	100	48	5.12	11	12	11	7	sw.
1917	76.9	102	43	4.49	8	16	10	4	sw.
1918	77.0	106	50	3.44	7	15	9	6	ne.
1919	76.4	101	46	5.97	10	11	9	10	e.
1920	77.4	105	52	3.41	6	19	7	4	s.
Period	77.5	108	39	4.95	10	12	11	7	sw.

Daily Temperatures for June, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	83	85	89	90	89	76	82	80	83	90	94	95	97	96	98	96	100	98	95	91	91	90	93	96	85	90	88	88	90	94	....	90.4
	Minimum	62	61	65	70	69	69	65	60	60	62	68	70	72	70	71	74	75	74	73	72	70	67	66	66	69	66	60	57	66	68	....	67.2
Blackville	Maximum	92	95	95	91	76	85	83	86	90	97	99	102	102	100	100	100	98	90	90	90	89	90	93	86	94	92	93	95	98	100	....	93.0
	Minimum	60	63	64	70	67	66	65	56	60	60	64	71	73	70	69	70	73	72	72	69	70	65	63	65	69	64	59	56	61	69	....	65.8
Bowman	Maximum	91	92	91	80	78	88	87	86	88	93	97	100	101	102	101	100	98	94	94	90	89	90	95	90	88	87	89	90	93	98	....	92.0
	Minimum	66	64	68	67	66	62	60	52	54	56	63	65	69	70	68	67	68	70	69	68	66	65	66	62	64	63	57	55	65	67	....	64.1
Charleston	Maximum	77	78	80	80	79	78	75	79	82	81	88	93	94	94	87	94	97	92	88	87	86	90	88	78	86	82	82	82	88	95	....	85.4
	Minimum	65	70	71	72	71	69	67	63	63	68	71	73	75	74	77	78	77	76	76	76	73	75	74	71	71	70	69	66	67	71	....	71.3
Cheraw	Maximum	92	93	94	88	82	84	85	86	90	92	94	97	98	98	98	101	100	98	88	88	85	88	91	89	89	89	92	94	97	98	....	91.9
	Minimum	57	60	67	66	69	62	59	55	59	61	61	69	71	68	71	68	73	72	69	64	67	63	61	63	65	61	58	56	66	71	....	64.4
Conway	Maximum	82	82	85	81	80	80	78	81	89	82	93	99	99	98	98	101	100	95	90	86	90	90	89	85	86	86	85	88	92	98	....	[b]88.9
	Minimum	61	63	61	66	69	63	61	55	56	....	....	69	69	70	71	72	74	72	71	68	68	70	68	69	68	64	64	57	62	69	....	[b]66.1
Darlington §§	Maximum	....	....	90	87	77	82	91	85	90	90	....	95	100	101	99	95	100	99	97	87	88	88	93	89	87	87	89	91	93	98	....	[c]91.4
	Minimum	....	....	....	66	69	62	60	54	58	59	61	....	68	68	69	70	67	75	73	66	68	70	63	66	65	60	57	56	67	71	....	[d]78.2
Ferguson §§	Maximum	86	87	87	79	80	81	76	80	82	88	94	97	96	98	94	99	97	96	94	92	88	90	93	94	86	86	83	89	94	98	....	89.5
	Minimum	56	58	63	66	68	65	66	56	56	59	63	69	66	69	68	71	74	72	72	70	69	67	66	69	72	60	58	55	59	69	....	65.0
Florence 1	Maximum	91	93	92	86	86	89	90	85	90	91	95	100	102	98	96	101	102	96	92	90	87	90	92	89	85	86	87	90	94	97	....	92.1
	Minimum	59	61	65	68	69	62	63	57	59	62	62	69	71	72	72	69	74	72	67	68	68	68	65	67	65	63	62	59	65	68	....	65.7
Garnett	Maximum	89	91	90	86	76	84	82	82	90	93	96	100	97	99	96	101	98	95	92	92	92	93	94	86	91	89	90	92	94	100	....	91.7
	Minimum	62	62	64	69	68	67	65	56	55	66	67	65	71	68	67	72	72	70	73	70	70	66	67	64	67	66	59	55	56	67	....	65.5
Georgetown	Maximum	84	85	86	84	82	80	76	79	88	82	92	98	100	99	99	100	101	100	100	89	89	87	85	89	82	88	85	85	86	91	95	88.9
	Minimum	59	65	65	66	67	60	65	54	56	62	61	65	71	67	74	73	73	73	70	68	75	72	71	68	68	62	63	65	50	69	....	66.1
Kingstree	Maximum	88	92	93	93	81	82	80	85	90	91	96	98	101	99	100	101	103	100	95	95	90	94	99	89	86	87	89	93	96	98	....	92.8
	Minimum	60	60	60	60	68	64	63	56	56	61	62	69	69	70	73	72	75	73	70	69	72	69	67	68	67	62	60	57	62	68	...	65.4
Oaks	Maximum	94	91	90	87	82	83	82	82	91	84	92	96	96	95	94	99	99	95	94	89	89	91	91	88	89	87	89	87	90	100	....	90.5
	Minimum	....	60	65	65	68	63	62	55	69	59	59	69	74	67	....	71	74	70	69	67	73	70	69	67	67	63	....	74	70	77	....	[c]67.3
Orangeburg 1	Maximum	89	91	91	84	79	84	80	84	90	93	97	100	98	100	101	101	99	98	91	91	90	92	96	87	89	88	89	91	96	99	....	91.9
	Minimum	58	59	62	68	69	65	66	55	55	60	66	68	69	69	70	68	72	68	71	68	69	65	65	64	67	62	58	55	59	66	...	64.5
Paris Island §§	Maximum	85	82	80	82	79	80	82	83	82	85	88	96	97	98	99	57	99	98	97	99	97	92	95	84	90	83	85	81	87	98	....	89.3
	Minimum	66	68	70	68	69	68	68	....	....	....	....	62	64	74	76	72	75	....	....	....	....	....	73	74	69	71	71	69	67	65	65	....	[b]69.4
St. George	Maximum	93	90	94	83	77	85	84	85	93	85	96	100	102	103	100	100	97	96	90	91	91	94	95	85	91	92	92	94	94	100	....	92.7
	Minimum	63	62	65	68	67	67	65	58	56	61	67	69	73	70	70	71	74	71	72	71	70	71	67	70	66	67	64	60	57	60	63	....	66.1
St. Matthews §§	Maximum	93	91	93	90	85	89	85	86	93	95	100	102	103	98	100	105	101	98	90	94	92	93	96	87	93	95	90	94	97	102	....	94.3
	Minimum	61	60	62	58	67	63	62	55	55	57	63	65	70	72	70	70	72	70	68	70	68	64	65	68	65	60	57	65	70	....	....	64.7
Society Hill §§	Maximum	87	88	89	85	79	81	79	84	86	88	97	100	100	97	97	88	100	95	88	86	85	89	90	87	87	84	84	90	94	98	....	89.4
	Minimum	56	59	62	66	69	61	59	52	58	59	61	69	71	70	71	67	73	72	69	66	67	64	61	66	64	60	57	54	65	72	....	64.0
Summerville	Maximum	84	85	85	79	78	81	78	78	87	89	91	97	58	95	91	100	99	92	89	91	88	87	92	82	87	85	85	87	86	95	....	88.0
	Minimum	61	64	67	67	69	68	65	57	57	61	65	65	73	71	73	73	73	75	73	76	73	69	69	68	68	65	61	58	60	68	....	67.1
Walterboro	Maximum	..	....	...	80	81	....	....	....	....	....	....	92	94	96	96	100	99	95	92	92	92	93	92	92	95	92	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	72	64	....	....	....	....	65	69	71	69	71	71	72	63	69	70	69	69	68	67	65	70	....	....	....	....	....	.....
Yemassee	Maximum	86	86	87	81	81	84	80	81	90	93	94	99	98	94	100	96	96	90	90	90	89	90	91	90	84	90	87	87	88	90	96	89.9
	Minimum	60	60	63	66	68	67	64	57	54	58	65	67	71	67	67	71	73	69	71	70	69	65	66	64	65	65	58	54	55	66	....	64.5
Western Portion.																																	
Aiken	Maximum	86	88	90	87	85	82	80	83	87	91	93	97	98	98	98	98	96	94	88	84	83	86	90	88	88	87	87	87	91	95	....	89.5
	Minimum	64	64	65	69	68	67	64	59	61	65	67	69	74	73	72	70	74	71	70	68	68	67	67	66	64	63	63	64	65	72	....	67.2
Anderson	Maximum	85	86	82	79	74	78	78	85	85	85	85	96	96	93	93	91	93	85	88	82	76	78	80	83	83	81	85	83	88	91	90	85.2
	Minimum	62	64	66	73	68	63	59	59	64	66	66	70	72	70	72	69	70	70	65	62	62	64	64	73	67	73	73	73	70	73	76	67.5
Batesburg	Maximum	84	86	89	87	86	85	80	82	88	90	91	96	97	98	98	96	96	87	85	83	86	80	86	87	86	87	87	88	90	92	...	88.9
	Minimum	61	61	66	68	67	64	62	57	60	65	65	71	76	73	71	71	75	70	68	67	66	67	61	62	66	63	62	63	63	64	72	66.1
Calhoun Falls §§§	Maximum	88	91	91	84	78	83	83	88	91	95	90	98	100	96	95	99	96	90	84	84	84	88	86	85	88	90	92	91	....	....	....	89.6
	Minimum	61	61	62	63	66	63	58	54	58	61	64	66	68	68	68	64	66	74	66	62	61	62	60	63	64	63	64	60	61	64	...	63.2
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	81	82	86	79	81	80	76	81	83	85	90	90	91	89	92	93	91	90	88	79	78	80	81	83	83	81	85	85	89	88	....	84.9
	Minimum	60	63	65	68	68	63	60	57	60	63	63	64	67	68	67	66	71	70	70	62	63	62	63	65	64	65	66	65	67	70	....	64.8
Columbia	Maximum	87	88	89	84	77	82	80	83	87	91	96	97	98	97	98	100	96	94	82	85	84	87	90	86	87	85	86	90	92	96	...	89.1
	Minimum	64	65	66	70	68	62	63	58	62	65	68	73	74	74	74	72	75	71	71	70	69	68	67	69	69	66	65	65	69	75	....	68.2
Greenville	Maximum	81	83	86	75	79	78	76	83	86	87	94	93	94	91	93	92	92	88	71	75	78	81	78	82	84	82	84	85	89	89	....	84.3
	Minimum	63	64	67	68	63	62	60	57	67	66	63	74	76	72	72	69	73	70	60	60	60	62	63	63	63	66	67	66	67	71	....	65.8
Greenwood	Maximum	83	84	87	85	76	79	77	80	85	88	93	84	95	95	96	98	95	90	81	80	80	81	82	81	85	83	84	87	90	92	....	86.2
	Minimum	63	64	65	70	68	64	59	58	63	66	65	71	71	72	70	70	72	70	69	64	64	65	64	67	65	65	62	62	64	65	72	66.2
Heath Spring	Maximum	82	84	86	87	83	79	75	80	84	84	93	97	95	96	93	99	97	84	88	90	88	84	86	85	86	85	85	87	92	95	....	87.6
	Minimum	59	60	65	65	67	63	59	55	62	62	65	71	70	70	70	67	75	71	67	63	68	67	61	65	64	61	60	59	66	73	....	65.0
Kershaw	Maximum	87	89	91	82	79	83	80	85	88	91	96	97	97	97	99	98	98	87	83	86	86	87	87	87	87	89	89	94	95	....	....	89.7
	Minimum	57	57	64	62	68	63	59	53	61	62	65	70	70	68	70	67	74	70	67	64	68	67	60	66	64	61	59	57	65	73	..	64.4
Landrum	Maximum	89	82	86	74	80	79	78	85	88	89	96	96	94	94	93	95	95	90	75	73	79	85	76	82	86	84	86	87	92	93	....	86.0
	Minimum	54	62	65	66	67	61	55	53	58	59	62	75	74	72	66	68	68	70	61	60	61	59	57	67	59	57	61	61	64	73	....	63.2
Laurens §§§	Maximum	85	87	89	79	79	80	78	80	81	89	94	95	96	96	97	97	96	92	79	81	81	83	[a]83	82	84	84	86	87	91	91	....	86.7
	Minimum	56	59	62	68	68	65	57	58	59	59	61	66	66	65	68	64	69	69	68	62	63	63	61	66	65	59	59	61	63	69	....	63.3
Liberty	Maximum	87	87	90	79	84	82	81	86	91	85	94	98	96	95	97	96	97	87	79	80	80	85	86	86	87	88	91	96	96	94	....	88.7
	Minimum	60	67	68	75	67	62	60	57	57	65	62	62	68	68	69	66	66	70	65	62	61	63	65	65	65	67	71	67	67	...	...	[a]62.9
Little Mountain	Maximum	86	86	88	79	76	78	80	83	86	90	94	97	97	98	97	99	96	94	83	80	84	86	88	81	36	89	89	90	96	90	....	88.2
	Minimum	53	64	66	69	67	65	60	59	60	60	67	74	73	73	73	71	73	70	67	66	66	65	66	67	66	65	64	64	66	73	....	66.7
Meriwether	Maximum	89	92	90	92	92	81	83	85	89	90	98	101	102	101	101	102	100	99	95	97	87	88	90	90	....	....	....	....	....	91	94	[d]93.0
	Minimum	56	60	60	61	69	66	64	52	55	54	58	62	61	66	68	69	69	67	63	64	62	62	60	62	....	....	....	....	....	67	69	[d]62.5
Monetta	Maximum	86	89	92	83	75	81	81	84	88	92	97	98	99	100	99	100	96	95	85	84	83	86	88	87	88	87	88	90	93	90	....	89.5
	Minimum	61	62	62	69	68	65	63	56	60	63	65	69	75	73	75	75	73	70	68	68	67	67	63	66	67	64	61	63	64	70	....	66.4
Newberry	Maximum	89	90	90	91	80	80	88	83	96	98	101	102	104	103	103	104	92	99	87	78	85	89	90	87	89	90	91	92	97	99	...	92.2
	Minimum	58	60	65	68	62	68	65	60	54	65	68	69	70	70	69	66	72	70	69	65	62	65	62	67	65	67	60	62	64	72	...	65.3
Saluda	Maximum	87	89	90	91	80	84	83	89	91	92	98	100	100	100	102	101	81	78	68	74	85	87	90	87	88	87	88	90	96	96	....	89.1
	Minimum	57	60	61	65	66	65	59	54	56	60	63	64	68	66	68	65	71	65	65	65	65	65	59	65	64	59	57	58	60	71	....	62.9
Santuck	Maximum	92	92	91	84	34	81	82	86	88	90	96	95	95	93	95	98	97	94	85	85	84	87	87	87	86	87	89	90	94	92	....	89.6
	Minimum	55	59	65	67	68	64	55	52	55	59	63	66	65	63	67	64	69	69	66	62	65	64	59	65	64	57	57	60	63	70	....	62.6
Spartanburg	Maximum	88	86	90	77	81	80	80	85	90	88	96	97	97	94	96	99	96	95	75	79	82	85	80	84	86	86	87	90	92	94	....	87.8
	Minimum	58	62	66	67	66	63	57	56	61	63	63	70	69	70	68	68	69	68	64	60	61	60	61	64	63	62	61	63	65	71	....	64.0
Trenton	Maximum	87	89	90	87	77	83	82	84	92	92	96	97	98	98	98	99	95	94	86	83	82	85	89	86	88	87	88	90	92	94	....	89.4
	Minimum	61	62	63	69	68	65	62	58	64	65	66	70	74	75	73	73	70	70	68	68	66	66	65	67	67	64	63	64	65	65	....	66.5
Walhalla	Maximum	85	84	87	78	32	79	78	84	88	90	95	97	96	96	97	97	95	90	86	75	79	83	81	81	85	83	85	37	92	91	...	86.8
	Minimum	58	63	62	63	66	58	58	57	56	60	61	61	66	67	16	62	68	65	65	60	57	67	60	63	60	65	65	62	63	65	....	61.9
Winnsboro	Maximum	84	89	91	85	78	81	80	81	88	92	98	100	100	100	101	101	98	94	87	85	83	88	90	85	88	87	89	93	95	99	....	90.3
	Minimum	62	63	66	69	68	63	58	56	61	64	66	69	73	69	70	70	74	73	67	66	66	66	65	66	66	64	62	66	72	....	....	[b]91.7
Winthrop College	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	64.9
	Minimum	60	58	68	67	69	63	55	59	56	63	66	70	70	68	70	68	70	70	66	63	66	63	65	65	64	61	63	61	70	72	..	

Reference letters (a, b, c), appearing in the table indicate number of days missing: For example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Total Precipitation, Inches, June, 1913.

UNIVERSITY OF ILLINOIS
URBANA

51.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

JULY, 1920

BY
RICHARD H. SULLIVAN
METEOROLOGIST

WEATHER BUREAU OFFICE
COLUMBIA, S. C.
August 24, 1920

Departure of the Mean Temperature from the Normal, July, 1920.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., JULY, 1920 No. 7.

GENERAL SUMMARY.

Thermal conditions and precipitation ranged somewhat below the seasonal average during July. Temperatures were close to normal until about the 26th, followed by a cool period of 5° to 12° per day below the average until the 30th. The precipitation was badly distributed as to amounts, there being a superabundance in sections of the eastern and northwestern counties, while in an extensive area of the interior the measurements were much below the average.

Cotton, corn, field truck, garden vegetables, and forage of all kinds made material progress during the month under favorable weather conditions, as the intervening dry periods between showers permitted maximum cultivation. Cotton, though somewhat rank in sections where the rainfall has been excessive, was blooming and fruiting well at the close of the month, and stray open bolls appeared in Richland and Orangeburg Counties about the 31st; weevil activity continued in the southern half of the State, but no serious general damage was reported. Tobacco curing increased in volume during the month, with a good crop in sight. The opening and closing days of the month were too dry for best corn development, but the general crop, both early and late, was in good condition at the end of the month. Peaches, apples, watermelons, muskmelons, tomatoes and all kinds of vegetables were plentiful. The month closed with all crops in need of rain, except cotton in sections where rainfall was excessive.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.05 inches. The highest pressure in the region covered by reports was 30.30 inches at Asheville, N. C., on the 13th, and in the Section proper, 30.28 inches at Columbia on the same date; the lowest pressure was 29.70 inches at Charlotte, N. C., on the 2d, and in the Section proper, 29.77 inches at Columbia and Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 78.9°, or 0.9° below the established normal. The highest temperature was 102° at Walterboro, Colleton County, on the 5th. The warmest periods were during the first week and from the 23d to the 25th. The lowest temperature was 53° at Saluda, Saluda County, and Santuck, Union County, on the 29th. The coolest period of the month was between the 26th and 30th.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 58%; 8 p. m., 73%. The highest percentages occurred over the extreme northwestern, extreme eastern and extreme southern counties, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 55 stations reporting, was 5.60 inches, or 0.30 inch below the established normal. The showers were more or less intermittent, with but few short periods of dry weather generally, and were well distributed as to area, but badly distributed as to amounts. The rainfall was considerably in excess of the normal on the middle and northern coastal plains and in the greater portions of the Savannah and Saluda watersheds, where the amounts ranged from 6 to over 12 inches; in a broad belt extending from the north-central counties to the Edisto watershed and thence to the Charleston County coast, the amounts ranged downward from 5 inches to 2.50 inches (Newberry County). The greatest local monthly amount was 12.23 inches at Effingham, Florence County; least monthly amount, 2.50 inches at Newberry, Newberry County. The greatest amount during any 24 hours was 4.90 inches at Spartanburg, Spartanburg County, on the 19th, most of which fell between 6 and 11:30 p. m. The average number of rainy days was normal.

Death by Lightning.—At Townville, western Anderson County, July 19, Elias Grant, young son of Mr. and Mrs. Benjamin Grant, in the yard of his home.

At 9:25 p. m., July 20, lightning struck the main building of the Gulf Refining Co., Greenville, the resulting fire destroying a warehouse with a loss approximating $10,000.

A series of unusually heavy rainstorms in parts of Anderson County on July 19 and 20 were followed by losses in crops, bridges and roads estimated at about $150,000; all the bridges across Big Beaverdam Creek were washed out.

Light hail occurred at Darlington, Darlington County, on the 10th, at Greenville on the 16th and at Liberty, Pickens County, on the 21st.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 8 anemometer records, was 7.1 miles. The highest average velocity was 10.7 miles per hour at Savannah, Ga., and in the Section proper, 10.1 miles per hour at Charleston; the lowest average was 4.4 miles per hour at Charlotte, N. C., and in the Section proper, 6.7 miles per hour at Greenville. The highest velocity for any 5-minute period was 56 miles per hour from the north at Greenville on the 16th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 288.2 hours, or 66% of the possible amount. The average number of clear days was 13; partly cloudy, 10, and cloudy, 8, as against normals of 12, 12, and 7 days, respectively.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in the tributaries of the Santee River, incident to copious to locally excessive rainfall up-State between the 19th and 22d, with a flood stage in the Saluda at Pelzer on the 22d and stages somewhat above flood in the Santee at Rimini and Ferguson from the 23d to the 30th. With these exceptions, the various river stages were low generally throughout the month.

MISCELLANEOUS DATA FOR JULY, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.06	71.6	89	56	3.75	1.02	5.4	nw.	86	57	74	59
Augusta, Ga.....	30.05	80.3	97	62	7.20	2.34	5.1	s.	80	58	71	70
Charleston, S. C...	30.06	80.0	98	67	4.69	1.55	10.1	sw.	75	63	77	77
Charlotte, N. C ...	30.03	77.8	95	57	4.11	1.45	4.4	sw.	81	54	66	70
Columbia, S. C....	30.05	80.0	96	60	3.36	0.98	6.8	sw.	83	57	65	66
Greenville, S. C...	30.03	76.6	93	61	7.90	1.76	6.7	sw.	80	56	71	64
Savannah, Ga.....	30.06	80.2	96	64	7.30	1.58	10.7	sw.	81	60	83	64
Wilmington, N. C.	30.06	77.8	95	58	7.23	1.55	7.7	sw.	80	61	80	60
Means and extremes.....	30.05	78.0	98	56	5.69	2.34	7.1	sw.	81	58	73	66

Climatological Data for July, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	39	80.4	−3.4	98	8	58	29	28	5.09	−0.26	1.90	0	8	14	15	2	w.	R. B. Vance.
Blackville	Barnwell	296	37	81.0	−0.7	101	4	56	29	37	3.35	−1.97	1.05	0	7	15	10	6	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	78.1	−2.3	99	† 2	56	28	34	7.46	+1.92	2.05	0	13	14	16	1	sw.	B. O. Evans.
Charleston	Charleston	48	19	80.0	−1.3	98	3	67	28	25	4.69	−2.57	1.55	0	17	7	9	15	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	78.3	−1.9	100	† 3	56	†27	38	3.85	−1.97	1.05	0	8	..	....	....	.....	Roland D. Powe.
Conway	Horry	25	32	79.2	−0.9	100	4	58	†29	30	7.60	+1.11	2.38	0	14	9	1	21	sw.	Paul Quattlebaum.
Darlington	Darlington	175	25	78.9	−1.1	100	4	55	28	34	4.04	−0.79	1.28	0	9	16	0	15	.....	D. C. McCall.
Edisto	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	3.75	−1.89	0.68	0	14	.....	.....	.....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	12.23	+7.75	2.50	0	13	.....	.....	.....	.....	Wm. B. Gillespie.
Fergnson	Orangeburg	63	35	79.0	−0.4	98	6	55	30	37	5.70	−0.22	1.17	0	14	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	39	80.0	−1.4	99	2	58	†28	33	9.19	+3.79	1.50	0	13	14	9	8	se.	H. K. Gilbert.
Florence 2	.....do	136	5	.....	.....	.....	.....	.....	.....	.....	6.81	+1.41	1.18	0	15	12	10	9	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	30.4	.....	101	4	57	29	33	6.06	.....	1.58	0	18	7	22	2	sw.	Maner B. Robert.
Georgetown	Georgetown	12	28	79.0	−1.6	98	4	59	†28	33	5.12	−1.83	1.50	0	12	13	18	0	s.	A. P. Hazard.
Kingstree	Williamsburg	54	39	80.6	+0.2	99	2	57	30	34	5.95	+0.25	1.50	0	11	17	4	10	sw.	W. H. Matthews.
Oaks	Georgetown	.....	5	.....	.....	[a]100	2	[b]59	28	....	8.97	.....	2.10	0	18	9	20	2	sw.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	79.4	.....	97	2	55	†29	38	4.65	.....	1.85	0	12	12	8	11	sw.	U. S. Fisheries Station.
Orangeburg 2	.....do	264	....	.....	.....	.....	.....	.....	.....	.....	3.98	.....	1.88	0	7	12	11	5	sw.	State A. and M. College.
Paris Island	Beaufort	13	36	82.0	+0.9	100	4	65	29	29	5.20	−0.87	1.80	0	7	16	6	9	w.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	76.9	−1.5	93	† 2	64	28	....	6.01	−0.27	1.00	0	11	10	6	15	sw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	8.20	.....	1.48	0	14	.....	.....	.....	.....	William B. Wolfe.
St. George ††	Dorchester	109	39	80.1	−0.7	102	4	59	†28	34	8.95	+2.94	2.00	0	16	29	0	2	se.	John W. Davis.
St. Matthews	Calhoun	62	39	80.0	−0.2	99	† 2	55	†29	39	5.43	+0.02	1.72	0	11	18	8	5	w.	Miss Frances M. Antley.
Society Hill	Darlington	192	30	[a]77.6	−1.9	[a]99	8	[a]55	29	[a]34	6.21	+0.02	2.06	0	10	16	11	4	s.	A. H. Rogers.
Summerville	Dorchester	75	23	[a]78.4	−1.5	[a]95	4	[a]59	28	[a]25	6.05	+0.03	1.26	0	16	8	23	0	sw.	Mrs. William Robertson.
Walterboro	Colleton	69	18	.....	.....	[b]102	5	[c]67	† 9	....	5.75	− 1.59	1.85	0	7	.....	.....	.....	.....	J. N. Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	.....	Combahee Company.
Yemassee	Hampton	24	32	79.0	−2.2	99	4	57	†29	35	6.36	−0.39	1.60	0	18	12	10	9	s.	W. C. Hutson.
Division means and	extremes	.....	....	79.4	−0.9	102	5	55	28	39	6.07	+0.21	2.50	0	13	12	11	8	sw.	
Western Portion.																				
Aiken	Aiken	527	59	79.5	−0.7	96	4	60	28	29	3.53	−1.17	0.63	0	14	23	0	8	s.	Frank B. McCoy.
Anderson	Anderson	764	25	.....	.....	97	4	.....	.....	.....	5.27	−0.26	1.43	0	12	16	1	14	w.	H. H. Russell.
Batesburg	Lexington	656	37	77.8	−2.2	96	2	59	27	30	6.43	+1.60	1.62	0	12	14	14	3	w.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	3.75	−1.25	0.94	0	4	...	...	...	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	78.9	.....	100	4	58	29	38	4.06	−0.68	0.88	0	12	17	6	8	sw.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	....	.....	.....	.....	4.24	−0.84	1.20	0	9	...	...	...	.....	W. C. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	5.83	+0.09	3.00	0	9	.....	...	...	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	5.06	+0.79	2.20	0	7	.....	...	...	.....	J. J. Murran.
Clemson College	Oconee	850	29	77.5	−0.3	90	† 4	64	†28	23	5.95	+0.72	1.74	0	10	18	8	5	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	80.0	−1.1	96	25	60	29	25	3.36	−2.70	0.98	0	9	8	10	13	sw.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	5.12	.....	1.35	0	11	..	...	...	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	5.14	−2.84	1.85	0	11	..	.	.	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	76.6	−0.4	93	4	61	16	25	7.90	+2.48	1.76	0	11	11	11	9	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	77.0	−3.0	94	4	58	28	28	7.30	+1.21	1.78	0	11	13	0	18	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	79.0	−1.4	97	† 4	57	28	28	6.41	+2.16	4.26	0	7	10	14	7	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	78.6	.....	96	† 4	55	28	34	4.94	.....	1.94	0	11	15	4	12	w.	John W. Hamel.
Landrum	Spartanburg	1063	5	77.0	.....	95	3	56	†28	37	6.32	.....	2.48	0	9	13	13	5	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	77.4	.....	94	† 4	56	29	30	4.92	.....	1.70	0	8	18	0	13	.....	Perry A. Simpson.
Liberty	Pickens	900	21	78.7	−0.5	95	24	62	29	29	3.90	−1.90	1.20	0	14	10	14	7	sw.	John T. Boggs.
Little Mountain	Newberry	711	28	78.8	−1.6	96	4	60	†27	27	2.57	−2.17	0.65	0	7	16	11	4	sw.	J. M. Sease, M. D.
Meriwether	McCormick	450	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	79.1	−0.6	96	24	58	29	34	7.35	+2.99	2.60	0	12	8	21	2	sw.	Joseph M. Johnson.
Newberry	Newberry	502	17	81.8	+1.0	100	† 3	57	†28	30	2.50	−1.94	1.05	0	8	16	7	8	sw.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	9.64	+4.31	3.66	0	12	....	..	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	78.8	−1.7	96	† 4	53	29	37	4.57	+0.36	0.93	0	14	21	9	1	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	79.4	−0.2	98	4	53	29	41	3.04	−1.91	1.55	0	10	13	11	7	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	77.4	−2.9	95	†14	57	28	34	6.80	+2.55	4.90	0	9	...	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	28	78.5	−2.0	93	† 2	59	28	32	4.35	−1.30	1.17	0	9	14	10	7	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	76.4	−0.6	94	31	61	†28	33	6.04	+0.08	1.55	0	13	13	12	6	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	.....	Rev. Oliver Johnson.
Winthrop College ††	York	690	21	79.2	−0.7	98	† 3	55	†27	36	3.95	−0.94	0.91	0	10	16	5	10	sw.	W. P. Goodman.
Division means and	extremes	.....	....	78.5	−0.9	100	† 3	53	29	41	4.85	+0.47	4.90	0	10	14	9	8	sw.	
Section means and	extremes	.....	....	78.9	−0.9	102	5	53	29	41	5.60	−0.30	4.90	0	11	13	10	8	sw.	

The departures from the normal temperatnre and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and snmmaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡ Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for July, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah			.60					.60			.60					.65		.28			.28	1.90	.18									5.09
Blackville ‖‖	Edisto			.25		.10						.60			.05		1.05					.50	.80									3.35
Bowman	do		2.05						T.	.24	T.	.88	.23	1.50	.50	.20	.40	.35	.33	.28	T.	.20	.30			T.						7.46
Charleston ***	Coast	.01	.25	.04	.20			.01	.79	1.19	T.	.64	1.11	T.		.03	.09	.08	.10	.03	.04	.02				.03						4.69
Cheraw ‖‖	Pee Dee										.45		.25					.05	.10	.05		.95	1.05			.95						3.85
Conway ‖‖	Waccamaw			T		.07			.21		2.38	.04	.35	.18	.45			.09	T.	.76	.67	.50	.08	T.	.42		1.40						7.60
Darlington ‖‖	Pee Dee			.25						.45	.10		.62					1.28	.20			.25	.71			.18						4.04
Edisto ‖‖	Edisto			.51						.19		.43	.12	.40	.10	.09		.03	.52	.16		.36	.61	.15			.08					3.75
Effingham ‖‖	Lynches								.25		1.10	.70	2.50	.72				1.50	1.82	.12	.16	.37	1.71	.16		1.12						12.23
Ferguson ‖‖	Santee			1.64					.35	T.	.40	.60		.06			.07	1.17	.64	.40	.15	.24	.31	.16			.11					5.70
Florence 1 ‖‖	Pee Dee			1.26					1.44	.88	.28		1.50	.43				1.26	.38		.43	.08	.46	.04		.75						9.19
Florence 2 ‖‖	do		T.	.72					.86	.59	.39	.30	1.18	.04				.32	.40	.10	.41	.17	.48	T.		.75				.10		6.81
Garnett	Savannah		.12	.08	.05			.22	.47	.18	.05	.03	1.58	.29			.70	T.	1.05	.15	.59	.33	.10		.02	.05						6.06
Georgetown	Coast		.25	.15						1.50	.50	.27	.30	.20	T.	T.	.20	.25	.30	.28		.92	T.			T.						5.12
Kingstree ‖‖	Black			1.50					.05		1.28	.12	.20	.15			1.35	.67				.34	.23	T.		.06						5.95
Oaks	do		.09	.57				.09	1.02	1.20			.25	.12	.01	.20	2.10	.20	.13	.30	.18	.05	.55	.61		1.30						8.97
Orangeburg 1	Edisto			1.85	.03					.20	.02		.41					.22	.87	.03	.04		.42	.41			.15					4.65
Orangeburg 2	do			1.88					.10									.20	.50			.60	.50			.20						3.98
Paris Island	Coast									1.80			.50	.50			1.50			.10		.30					.50					5.20
Pinopolis	Cooper		.82					.10	.24	.90			.20				.70		1.00			.40	.10	.95		.60						6.01
Rimini ‖‖	Santee			.96						1.30		.17	.90	.18			.30	1.48	.05	.95	.16	.18	.97	.15			.45					8.20
St. George ‖‖	Edisto			.70	.04				.60	.03	1.90	.15	.86	.05	.04		2.00	.08	.90	.65	.15		.35	.45								8.95
St. Matthews ‖‖	Santee			1.72						.06		.12	.17		.57		.02	.54	.52			.27	.59	.85								5.43
Society Hill ‖‖	do									2.06	.20		1.60				.64	.40	.46	.40	.07	.40	.58									6.21
Summerville	Ashley		.05	.45	.22			.20	.29	.15	1.05	.10	.72	T.				.20	1.26	.05	T.	.26	.04		T.		.96	.05					6.05
Walterboro	Ashepoo		.15							.71	1.45	.36							1.85	.36	.87											5.75
Whitehall (near)	Combahee																															
Yemassee ‖‖	Ashepoo			.12					.48	.16	1.00	.10	.43	.71	.47		.32	.32	.10	.13	.93	.50	.15	.07	.15		.22					6.36
Western Portion.																																	
Aiken	Edisto			.19		.12	.09	.10	.63		.17	.61		.39			.15	.05	.07	.43		.24		.29									3.53
Anderson	Savannah						.79	.25				.06		.11	.35	.03	.17	.50	.47	1.05	.05	1.43											5.27
Batesburg ‖‖	Edisto			1.29				.08				1.62	1.33				.79	.09	.06	.69	.04	.37	.04				.03					6.43
Blairs ‖‖	Broad			.38				.14	.30			.06	.04				.75			.64	.98	.22	.24									3.75
Calhoun Falls ‖‖	Savannah			.19				.28	.48			.65	.06			.31	.03	.88	.38	.07	.58	.15										4.06
Camden ‖‖	Wateree												.16				1.20	.44	.10	.82		.06	.50	.56		.40						4.24
Catawba ‖‖	Catawba							.06	.60		.30		.50				.55	.12		3.00	.60					.10						5.83
Chappells ‖‖	Saluda			.93					1.05				.20				.60			.05	.03		2.20									5.06
Clemson College	Savannah	T.	1.20				1.74	.11					.27			.24	.38		.32	.52	1.07	.10				T.							5.95
Columbia ***	Congaree		.74	.24			T.	T.			T.	.94					.66	.04	.13	.16	.39	T.	.06	T.									3.36
Edgefield ‖‖	Savannah			1.35				.28				1.05	.25				.20		.22	1.05	.10	.40	.10					.12					5.12
Gaston Shoals ‖‖	Broad			.02				.39	.09			.31					.08	.17	1.40	.25	1.85		.30			.25							5.14
Greenville ***	Saluda	T.	.90				.64	.42			.06	.02				T.	1.65	T.	1.47	.94	1.72	.04	T		.04							T.		7.90
Greenwood ‖‖	do			.67				.12	1.22	.24		.09	.52				1.05			.30	.21	1.78	1.10										7.30
Heath Spring	Wateree		.12														.31	.61	.45	.25		4.26	.41										6.41
Kershaw ‖‖	Lynches			.60							.07		.20				.21	.58	.23	.26	.33	1.94	.30			.22							4.94
Landrum	Broad						.31	.42				1.09					.74		.38	.11	.28	.51	2.48										6.32
Laurens ‖‖	Saluda		.52				.18	.20									.70	.30		.76		.56	1.70										4.92
Liberty	Savannah	.02	.75				.90	1.20			.01	.30	.04		T.	T.	.04	.02	.06	.20	T.	.30	T.			.04						.02		3.90
Little Mountain	Saluda			.30			.65	.45			.25	.22							.10		.60												2.57
Meriwether	Savannah																																
Monetta	Edisto	T.	.20	1.28			.11	.49			.65	2.60					.05		.20	.02	.64	1.18	.53										7.35
Newberry	Saluda		.75				1.05										.09		.26	.05	.20	.05	.05										2.50
Pelzer ‖‖	do			.58				2.10	.02		.20	.36					.28		.66	.04	.94	3.66	.74	.06									9.64
Saluda	do		.93	.65	.11		.13	.28			.30	.20					.70	.35	.18		.40	.17	.12	.05									4.57
Santuck	Broad	T.	.05				.14	.12			T.	.29					.22	.01	.15		.30	1.55	.21										3.04
Spartanburg ‖‖	do	T.	.67	.02				.30	.12		.05	.32							.12	T.	.30	4.90											6.80
Trenton	Edisto		.50	.70	T.		.20	.32	T.		T.	1.05					.12	T.	T.		1.17	.10	.19				T.						4.35
Walhalla	Savannah	.05	.82				.54				.39	1.55	.29				.27	.55	.17	.30	.40		.58	.13									6.04
Winnsboro	Broad																																
Winthrop College	Catawba										.35	.12					.50	.13	.08	.60	.16	.91	.35				.75						3.95

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JULY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	82.0	110	60	7.49	14				
1888	78.9	108	53	3.68	8				sw.
1889	79.5	102	51	7.13	13				sw.
1890	78.4	104	52	6.88	12				sw.
1891	77.9	93	56	5.95					sw.
1892	78.9	102	51	7.44					sw.
1893	82.0	104	60	3.87	9	13	14	4	sw.
1894	77.7	100	55	8.24	16	8	12	11	sw.
1895	79.5	102	54	4.17	8	10	15	6	sw.
1896	80.7	105	51	8.17	13	10	13	8	sw.
1897	80.2	107	54	5.01	11	13	12	6	sw.
1898	80.0	102	54	7.81	14	10	10	11	sw.
1899	80.0	105	47	4.03	9	12	11	8	sw.
1900	81.2	104	55	4.08	9	14	11	6	sw.
1901	81.4	102	62	4.52	10	12	12	7	sw.
1902	80.8	107	58	3.79	9	15	11	5	sw.
1903	80.4	103	45	3.59	8	18	9	4	sw.
1904	79.4	105	50	5.96	12	13	12	6	sw.
1905	80.4	101	60	6.16	12	13	10	8	sw.
1906	78.4	100	56	8.40	16	5	17	9	sw.
1907	81.4	106	56	5.06	11	13	13	5	sw.
1908	79.8	100	60	5.43	12	12	13	6	s.
1909	78.6	104	55	4.92	10	13	12	6	sw.
1910	79.4	102	58	5.83	13	9	15	7	sw.
1911	79.8	102	53	3.79	10	12	13	6	sw.
1912	79.6	102	58	5.22	11	14	10	7	sw.
1913	81.9	109	56	4.78	9	15	9	7	sw.
1914	80.0	107	53	5.16	9	14	13	4	sw.
1915	80.9	106	55	3.26	8	18	10	3	sw.
1916	77.8	99	60	14.69	17	5	12	14	sw.
1917	79.9	102	52	6.56	12	14	9	8	sw.
1918	77.5	103	50	5.02	11	15	9	7	sw.
1919	79.3	103	51	8.86	13	13	8	10	s.
1920	78.9	102	53	5.60	11	13	10	8	sw.
Period	79.8	110	45	5.90	11	12	12	7	sw.

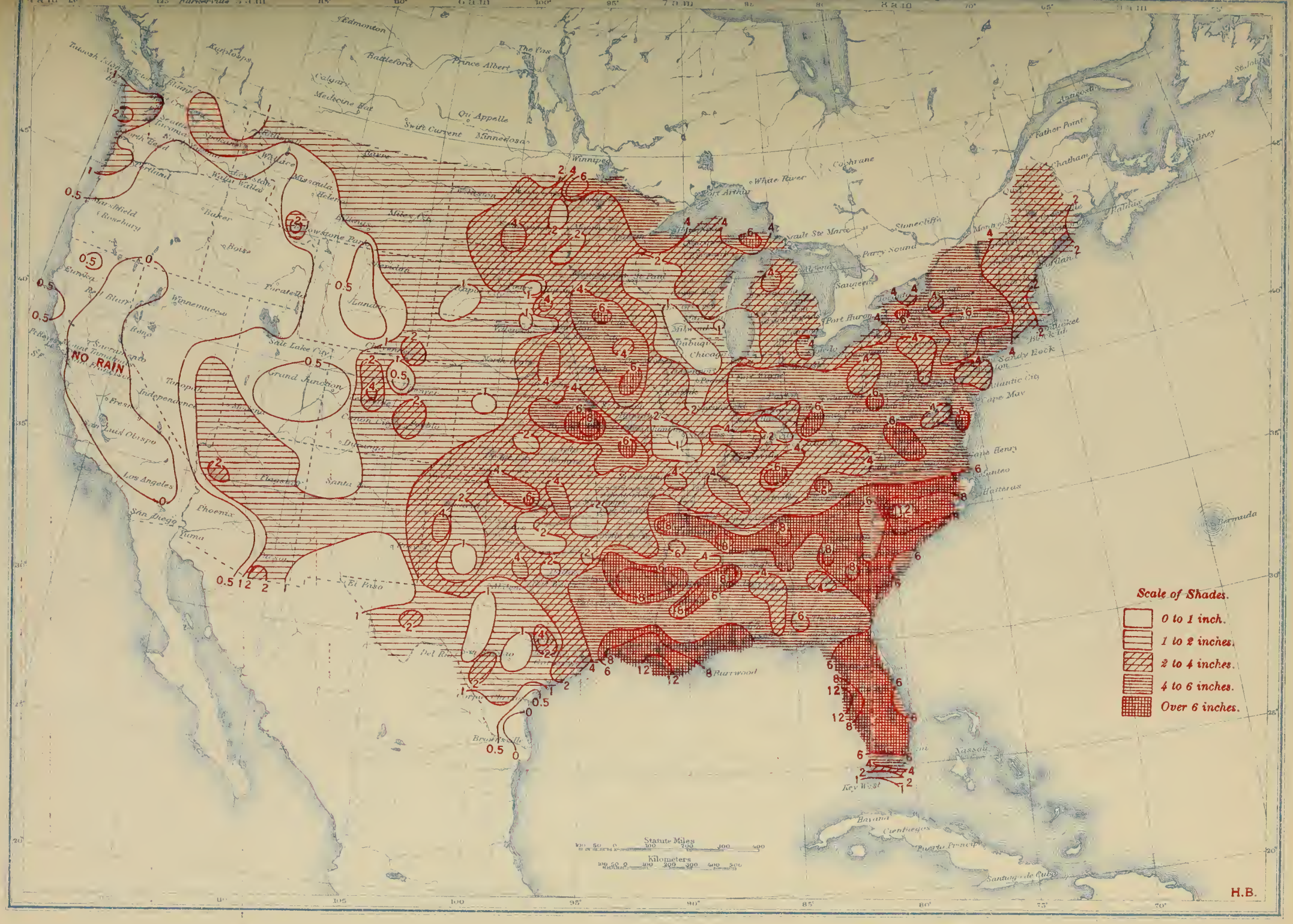
Daily Temperatures for July, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	98	94	95	96	97	95	93	98	93	93	92	90	90	90	93	94	90	91	90	92	89	80	87	92	93	95	78	82	83	86	89	90.9
	Minimum	72	75	74	75	75	74	75	73	70	70	69	69	69	71	71	70	71	71	70	73	73	70	70	71	71	72	63	61	58	60	63	70.0
Blackville	Maximum	95	98	93	101	96	98	99	99	99	94	88	92	94	94	98	90	91	89	93	93	80	90	93	95	97	86	84	88	89	92	96	93.0
	Minimum	70	74	73	73	70	74	71	72	70	69	69	68	66	71	70	70	69	69	72	72	72	69	69	71	76	74	59	58	56	59	63	69.0
Bowman	Maximum	92	99	95	98	99	92	93	94	93	90	88	90	93	90	91	90	88	87	87	87	80	85	95	95	95	80	80	88	90	92	94	90.6
	Minimum	67	66	67	66	69	69	70	70	67	68	64	65	67	66	67	66	65	65	68	70	67	66	67	69	70	58	57	56	61	60	62	65.6
Charleston	Maximum	94	94	98	97	85	84	88	90	86	83	82	83	87	87	86	90	87	86	88	88	83	86	87	89	91	82	81	81	80	84	85	86.8
	Minimum	74	72	73	76	76	77	78	72	71	74	72	71	74	74	76	74	70	77	78	76	76	76	73	75	78	68	67	67	68	67	72	73.3
Cheraw	Maximum	95	98	100	100	96	99	100	98	91	89	91	92	85	84	85	82	84	81	82	81	81	81	81	89	96	82	84	86	88	91	96	89.3
	Minimum	70	69	71	74	67	68	73	73	70	66	70	67	69	68	69	68	66	69	68	70	68	68	67	70	74	65	56	57	56	58	62	67.3
Conway	Maximum	96	96	98	100	91	88	91	94	92	84	82	87	88	87	91	90	90	84	87	88	81	85	91	91	96	85	82	82	85	86	88	88.9
	Minimum	70	70	72	75	68	67	74	75	68	69	71	71	71	70	72	71	68	73	75	76	74	73	72	71	74	68	60	58	61	58	62	69.6
Darlington §§	Maximum	95	99	97	100	92	94	95	96	90	87	88	88	91	90	92	86	90	86	87	88	82	84	82	93	75	78	90	82	86	90	82	88.9
	Minimum	72	74	72	73	69	69	75	72	69	67	68	68	72	71	72	72	67	70	74	75	74	71	71	72	74	67	58	55	55	56	61	68.9
Ferguson §§	Maximum	96	94	96	92	83	98	94	92	91	89	90	91	91	92	90	89	91	89	88	81	83	93	92	95	73	79	81	89	92	90	89.5	
	Minimum	69	70	71	68	67	65	70	71	70	68	68	69	69	69	72	69	68	69	70	75	73	72	69	69	69	70	61	69	56	55	59	68.0
Florence 1	Maximum	95	99	97	98	91	94	91	94	90	91	88	87	94	92	95	89	92	89	92	89	85	91	85	86	93	96	97	87	81	83	87	91	93	91.0
	Minimum	72	74	71	70	71	69	73	72	71	68	68	67	70	70	72	71	67	70	68	75	73	71	70	72	74	68	59	58	58	60	63	68.9
Garnett	Maximum	97	96	99	101	99	95	98	97	94	94	95	91	92	93	93	91	93	91	91	91	78	89	93	96	97	81	83	85	88	91	92	92.4
	Minimum	70	72	73	75	73	72	72	70	67	69	69	67	66	68	69	68	69	69	71	72	71	69	67	69	71	69	64	61	57	59	61	68.4
Georgetown	Maximum	91	94	93	98	90	91	94	82	89	85	81	86	90	89	90	91	90	90	87	91	89	84	90	92	95	82	81	82	86	88	87	88.6
	Minimum	63	70	70	74	70	73	75	76	71	68	70	69	72	69	72	72	68	72	72	75	71	72	72	72	76	62	62	59	61	59	63	69.4
Kingstree	Maximum	98	99	94	98	93	96	95	97	95	91	90	91	92	94	95	89	93	90	91	93	82	84	93	96	98	83	86	80	85	91	91	91.7
	Minimum	73	75	70	70	73	71	74	74	70	68	70	70	70	70	71	70	67	71	73	75	74	72	70	71	74	70	60	58	58	57	62	69.4
Oaks	Maximum	94	100	94	95	93	89	95	94	92	87	86	88	89	92	91	93	94	88	88	90	85	92	92	95	93	81	82	87	85	89	92	90.5
	Minimum	75	....	....	....	....	....	....	....	....	....	....	....	....	....	....	68	68	72	75	75	74	70	72	71	....	68	62	59	60	....	61	.....	
Orangeburg 1	Maximum	95	97	95	96	90	92	96	96	93	87	91	87	94	93	95	91	93	88	92	90	84	87	92	95	97	80	79	82	85	89	93	90.8
	Minimum	68	72	71	72	71	71	74	70	68	68	67	70	67	67	70	70	68	68	72	73	70	70	68	70	73	73	60	59	55	55	60	68.1
Paris Island §§	Maximum	95	98	99	100	95	91	97	92	91	99	96	90	86	88	92	98	91	89	89	92	86	87	92	91	95	83	84	83	87	88	92	91.5
	Minimum	73	77	70	71	75	76	77	77	71	70	74	71	71	72	74	76	69	75	74	76	73	75	71	74	75	76	67	66	65	68	70	72.5
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
St. Matthews	Maximum	98	99	96	99	94	94	95	97	96	88	90	92	92	92	94	91	90	92	90	90	87	87	91	94	98	84	82	86	90	87	94	91.9
	Minimum	71	74	70	72	69	71	74	73	71	69	67	66	68	71	70	69	67	68	72	70	70	70	71	70	73	68	58	56	55	55	60	68.0
Society Hill §§	Maximum	92	98	97	98	92	....	97	99	78	84	88	87	89	91	78	87	78	89	85	87	83	84	88	95	95	76	78	80	82	90	93	[a]87.9
	Minimum	70	72	71	73	67	69	....	73	66	62	99	68	70	70	71	70	63	68	72	74	72	70	70	71	73	62	56	56	55	56	61	[a]67.3
Summerville	Maximum	92	91	91	95	90	88	89	88	88	86	84	85	89	87	86	88	87	86	88	86	86	80	93	....	91	94	87	79	80	83	84	88	87.4
	Minimum	71	74	70	71	72	72	73	70	70	69	70	71	70	71	70	71	70	69	70	74	74	72	73	....	70	73	66	64	59	60	60	65	69.4
Walterboro	Maximum	91	92	101	100	102	101	98	96	93	....	....	92	....	....	....	....	92	93	89	89	....	....	92	96	97	....	....	....	....	....	....	.....
	Minimum	....	70	72	70	71	70	68	70	67	....	....	....	....	....	....	....	70	69	69	72	....	....	67	68	70	....	....	....	....	....	....	.....
Yemassee	Maximum	94	91	97	99	96	91	94	90	92	90	89	89	90	90	91	90	90	87	88	87	80	87	92	95	96	84	83	84	86	88	92	90.1
	Minimum	71	71	73	73	72	71	71	70	66	67	68	67	65	67	67	68	68	67	71	72	70	70	67	70	72	69	64	58	57	57	62	67.8
Western Portion.																																	
Aiken	Maximum	93	93	94	96	95	93	90	91	91	91	85	87	90	90	90	86	90	87	85	86	86	87	94	92	95	93	81	83	85	90	92	89.7
	Minimum	71	72	72	73	72	72	72	70	71	69	69	69	69	70	71	69	69	69	70	73	70	70	69	72	73	70	62	60	61	64	65	69.3
Anderson	Maximum	86	88	92	97	90	86	81	87	87	86	81	87	87	90	87	88	83	80	83	84	81	83	89	91	89	81	78	81	86	90	90	86.1
	Minimum	....	76	....	....	70	72	71	74	74	68	69	70	76	76	71	69	68	70	70	70	69	70	69	....	74	.....	.....	.....	.....	71	72	.....
Batesburg	Maximum	92	96	92	89	90	88	89	91	91	91	85	87	67	67	67	69	68	67	68	68	70	70	69	68	71	74	65	59	63	60	62	63	67.8
	Minimum	74	71	68	72	70	71	71	69	69	68	65	67	67	67	69	68	67	68	68	70	70	69	68	71	74	65	59	63	60	62	63	67.8
Calhoun Falls §§	Maximum	89	88	95	100	96	98	90	92	91	92	83	89	93	94	95	90	89	83	86	88	86	88	93	97	99	85	85	87	91	96	97	91.2
	Minimum	69	69	68	68	69	71	69	68	69	65	66	66	66	66	68	68	65	66	68	68	68	67	68	68	70	68	61	61	58	62	62	66.6
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	87	87	88	90	87	86	84	85	86	86	85	85	86	90	89	86	83	79	85	85	85	85	86	90	90	83	78	79	83	86	88	85.5
	Minimum	74	71	73	68	67	71	72	69	67	66	69	67	72	68	79	70	66	71	71	72	71	72	68	73	72	71	66	64	64	65	67	69.5
Columbia	Maximum	92	93	94	95	94	91	92	92	93	88	82	89	91	91	89	88	90	87	85	88	84	89	94	95	96	80	80	82	85	89	93	89.4
	Minimum	75	71	72	73	73	73	75	72	72	71	68	70	71	71	71	70	71	71	71	75	73	72	70	74	77	67	63	61	60	64	68	70.5
Greenville	Maximum	87	88	90	93	88	79	84	88	88	87	80	85	90	91	90	86	85	75	81	83	82	85	90	91	90	76	78	80	85	89	89	85.6
	Minimum	72	69	70	69	69	69	68	69	66	68	67	68	67	68	70	61	64	68	70	67	67	70	67	69	72	68	62	62	64	64	68	67.5
Greenwood	Maximum	89	89	90	94	89	90	85	88	90	85	80	83	87	90	88	85	85	80	83	84	82	83	87	90	91	81	79	80	83	87	89	86.0
	Minimum	70	62	69	69	69	69	70	70	70	67	68	67	70	70	68	69	68	70	70	71	70	70	72	74	68	61	58	59	64	65	68.0	
Heath Spring	Maximum	94	92	95	97	95	97	95	93	92	93	93	89	90	91	89	86	87	87	84	83	84	83	90	92	92	90	89	87	85	87	90	90.0
	Minimum	73	73	71	71	68	69	73	71	68	67	67	69	67	67	70	70	65	68	68	70	68	70	70	71	73	66	58	57	59	63	65	67.9
Kershaw	Maximum	90	94	95	96	90	93	93	93	96	86	84	90	93	94	91	89	90	85	86	86	84	87	93	93	95	78	80	82	86	89	92	89.5
	Minimum	73	70	70	71	67	67	74	72	72	69	67	70	68	68	70	67	66	68	69	71	71	70	69	71	73	66	57	55	56	58	63	67.7
Landrum	Maximum	92	84	95	93	91	84	86	91	91	96	81	86	89	92	91	86	86	77	84	87	84	86	91	94	91	81	82	84	86	93	93	88.0
	Minimum	70	69	69	69	64	65	70	67	69	61	65	68	64	64	67	70	61	69	70	67	65	67	64	68	73	68	62	56	56	59	66	65.9
Laurens §§	Maximum	90	91	92	94	90	89	87	90	90	88	85	88	92	94	91	88	86	82	85	84	85	85	90	92	92	77	80	81	85	89	90	87.8
	Minimum	69	70	69	69	67	68	70	70	68	68	69	66	66	68	70	69	67	69	69	70	70	69	70	68	69	69	61	57	56	58	61	67.1
Liberty	Maximum	92	92	93	93	93	89	85	89	89	88	83	87	91	94	90	90	85	79	86	88	80	90	92	95	92	88	81	89	88	91	91	88.8
	Minimum	74	70	72	68	68	70	70	69	65	65	71	68	66	68	67	70	70	71	71	71	76	70	67	69	73	69	64	63	62	64	67	68.6
Little Mountain	Maximum	91	93	92	96	92	91	90	89	89	90	81	86	90	90	92	90	89	87	84	84	85	88	86	90	95	85	82	83	87	87	92	88.6
	Minimum	72	72	70	72	71	71	70	70	70	69	69	68	68	69	69	69	68	67	68	70	70	70	73	74	75	69	60	60	60	65	67	68.9
Meriwether	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Monetta	Maximum	91	93	93	95	92	93	89	91	93	90	84	89	93	92	91	87	90	88	84	88	83	88	94	96	95	86	82	83	88	92	94	89.9
	Minimum	71	70	68	71	70	72	72	70	70	68	69	69	68	68	70	70	68	68	69	71	70	70	68	71	73	72	61	60	58	60	62	68.3
Newberry	Maximum	99	99	100	100	97	95	89	95	97	96	87	95	96	95	94	97	92	93	89	89	88	89	94	90	96	89	85	86	90	95	97	93.3
	Minimum	72	74	70	72	70	71	75	75	70	70	70	73	70	73	72	73	67	70	75	73	75	70	75	70	75	69	63	57	57	60	73	70.3
Salnda	Maximum	93	95	95	96	96	91	90	94	94	91	85	90	93	93	92	90	90	90	85	92	84	90	93	95	96	83	83	86	89	90	94	90.9
	Minimum	66	71	67	68	66	71	71	70	69	67	67	66	66	66	69	67	67	68	69	72	69	70	68	69	74	69	59	54	53	56	61	66.6
Santuck	Maximum	95	95	95	98	93	97	93	92	95	93	88	92	94	97	95	95	91	90	89	89	90	90	92	95	97	81	82	85	89	95	95	92.2
	Minimum	69	70	69	69	66	68	71	70	69	70	69	66	66	66	69	70	64	70	70	70	70	70	70	67	68	66	57	54	53	56	61	66.5
Spartanburg	Maximum	92	90	94	94	90	90	89	91	92	90	84	90	92	95	95	94	91	80	86	87	88	87	92	95	94	70	82	84	87	92	93	89.4
	Minimum	71	68	68	66	66	67	69	64	64	66	66	66	66	68	70	64	64	69	69	68	68	67	67	69	68	60	58	57	58	59	59	65.5
Trenton	Maximum	88	93	91	93	92	91	91	90	92	91	83	88	92	91	89	86	89	85	82	85	82	86	91	92	92	83	81	83	88	91	92	88.5
	Minimum	64	71	70	73	70	71	72	70	70	69	69	70	69	69	71	69	69	69	69	73	69	69	70	72	74	69	61	59	60	60	65	68.5
Walhalla	Maximum	87	88	92	93	89	82	84	89	90	89	81	84	89	90	88	87	85	78	85	86	85	86	90	92	92	82	81	83	86	92	94	87.1
	Minimum	71	66	67	66	65	69	70	65	62	62	65	63	63	64	65	67	62	69	69	69	69	68	63	65	76	69	65	61	61	61	61	65.7
Winnsboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Winthrop College	Maximum	92	94	98	98	93	94	91	95	95	93	86	88	97	95	93	88	89	90	85	85	87	86	94	95	97	88	85	87	85	91	93	91.2
	Minimum	71	71	68	70	66	71	73	72	69	70	70	70	69	69	70	67	64	66	68	69	70	70	71	71	70	57	55	57	55	62	65	67.3

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Total Precipitation, Inches, July, 1920.



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CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

AUGUST, 1920

BY

RICHARD H. SULLIVAN

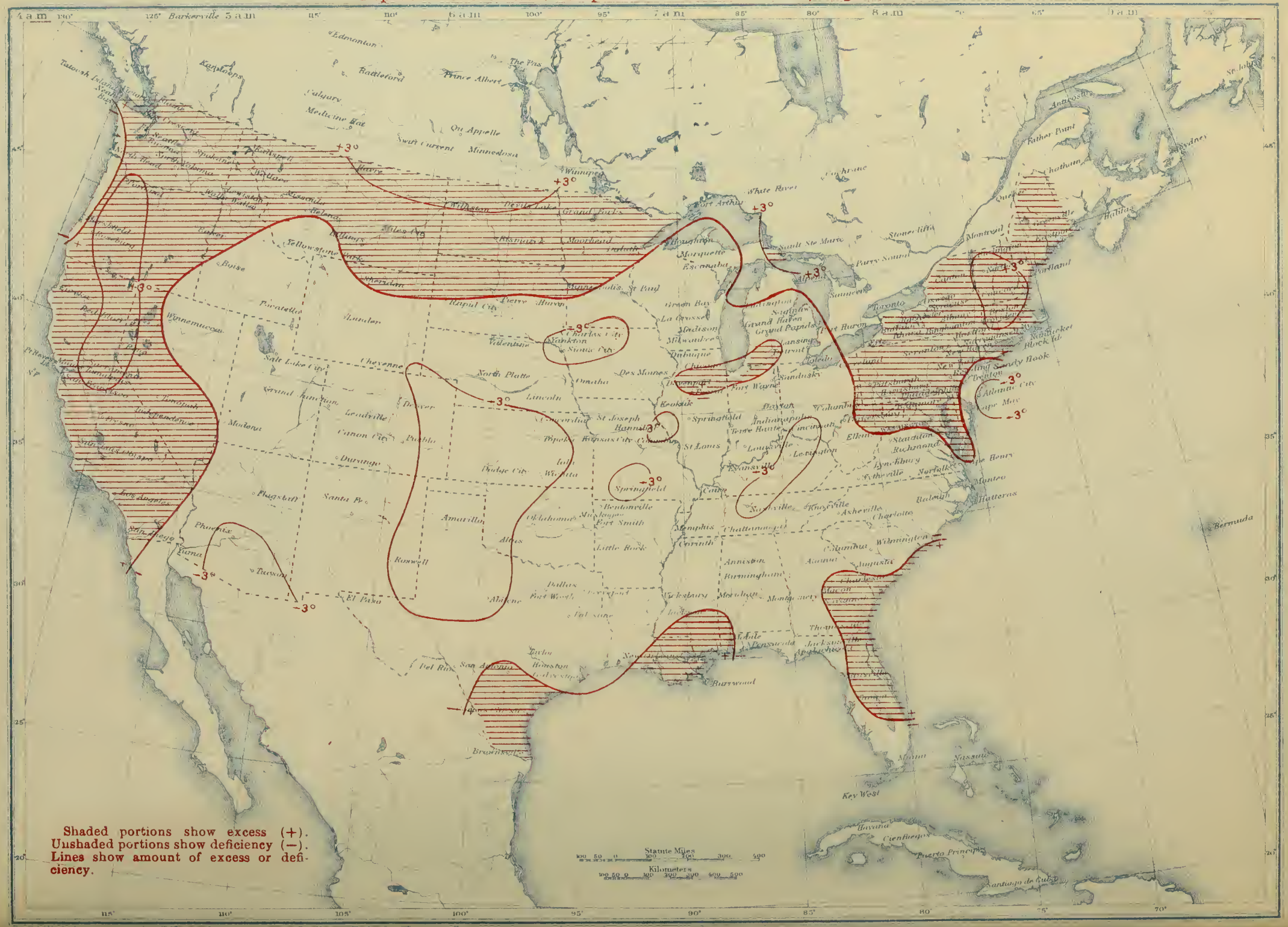
METEOROLOGIST

WEATHER BUREAU OFFICE

COLUMBIA, S. C.

September 28, 1920

Departure of the Mean Temperature from the Normal, August, 1920.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., AUGUST, 1920 No. 8.

GENERAL SUMMARY.

The prevalent daily showers during August, 1920, developed an average much above the normal for the Section; the total monthly amounts were excessive in extensive areas of the northern and eastern counties, while toward the Savannah River the measurements were below normal. The month was somewhat cooler than usual, with no marked extremes.

Notwithstanding the almost continuous precipitation from day to day, with all vegetation making more or less rank growth according to the distribution of rainfall, cotton showed no material deterioration until during the last decade, when shedding, rust, and boll rot increased, and weevil ravages were much more noticeable in the crop of the central and southern counties; blooming and fruiting up-State continued satisfactory. Picking began about the 20th, and first bales were ginned in Bamberg, Orangeburg, Lexington, and Richland Counties on the 24th and 25th. The tobacco harvest ended about the 24th. The rains were especially favorable for corn, and this crop promised bountiful yields. Sweet potatoes were somewhat too rank for best results in product. All kinds of field and garden truck reflected the moisture conditions, and forage and pastures were unusually promising. Fruits and vegetables were plentiful on market at the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.06 inches. The highest pressure in the region covered by reports was 30.24 inches at Asheville, N. C., on the 18th, and at Greenville on the 19th; the lowest pressure was 29.79 inches at Columbia on the 1st.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 77.7°, or 1.1° below the established normal. The highest temperature was 100° at Blackville, Barnwell County, on the 1st. The warmest periods were on the 1st, from the 20th to the 22d, and on the 30th and 31st. The lowest temperature was 56° at Santuck, Union County, on the 27th. The coolest period was between the 2d and the 7th.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 87%; noon, 68%; 8 p. m., 82%. The highest percentages occurred over the northwestern counties, and the lowest, over a triangular region embracing Augusta, Columbia, and Charleston.

PRECIPITATION.

The average for the Section, 55 stations reporting, was 8.08 inches, or 1.95 inches above the established normal. The month was unusually showery. The rainfall was generally well distributed in point of time, but the amounts were very irregular. In the northern and eastern counties the measurements ranged from 7 to over 15 inches, while in large parts of the Saluda, upper Edisto, and Savannah watersheds the amounts ranged downward from 5 inches to less than 3 inches. A remarkably excessive rainfall of 5.64 inches occurred at Santuck, Union County, in 2 hours and 25 minutes on the 27th. Another excessive rainfall of 5.00 inches occurred at Darlington, Darlington County, in 2 hours on the 13th. The greatest local monthly amount was 15.40 inches at Santuck, Union County; least local monthly amount, 2.81 inches at Trenton, Edgefield County. The greatest 24-hour rainfall at any station was 6.69 inches at Santuck, Union County, on the 27th. The number of rainy days was 40% above normal.

Deaths by Lightning.—On a farm about 9 miles north of Camden, Kershaw County, Mrs. Susie Baker, wife of Mr. William Baker, on August 17, while sitting near the chimney of her dwelling; her infant child suffered some injury. On a farm about 3 miles from Gaffney, Cherokee County, Mr. William Pierce, on August 20; several members of his family were injured.

A moderate hailstorm occurred in the southeastern part of York County on August 1, with comparatively little damage.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 8 anemometer records, was 6.1 miles. The highest average velocity was 8.7 miles per hour at Charleston; the lowest average was 3.8 miles per hour at Charlotte, N. C., and in the Section proper, 5.4 miles per hour at Columbia. The highest velocity for any 5-minute period was 34 miles per hour from the southeast at Charlotte, N. C., and at Charleston on the 5th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 223.6 hours, or 54% of the possible amount. The average number of clear days was 8; partly cloudy, 12, and cloudy, 11, as against normals of 13, 11, and 7 days, respectively.

RIVER CONDITIONS.

Heavy rains up-State, culminating about the 10th, 14th, 20th, 27th, and 28th, were followed by moderate freshet conditions in all the tributaries of the Santee River, with the highest flood crests generally after the rains of the 27th and 28th. The unavoidable losses approximated $61,175, while the value of movable property saved by timely warnings was estimated at $76,500.

MISCELLANEOUS PHENOMENA (dates).

Earthquake.—At Summerville, faint tremor, 6:53 a. m., 1st.
Halos—Lunar: Columbia, 30. *Solar:* Greenville, 4, 21.

MISCELLANEOUS DATA FOR AUGUST, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N.C....	30.08	70.0	84	56	7.09	1.42	5.6	se.	93	71	84	32
Augusta, Ga.....	30.05	79.4	96	61	4.87	2.00	4.4	s.	87	64	79	65
Charleston, S. C...	30.06	80.2	95	66	7.02	2.14	8.7	s.	81	69	82	65
Charlotte, N. C ...	30.06	74.9	90	62	8.91	1.96	3.8	s.	82	69	82	65
Columbia, S. C....	30.07	79.5	95	63	7.68	1.48	5.4	s.	90	63	78	44
Greenville, S. C...	30.05	74.3	89	61	5.96	0.79	6.2	ne.	90	70	84	45
Savannah, Ga.....	30.06	80.0	95	66	10.27	3.60	8.4	s.	86	66	83	55
Wilmington, N.C.	30.08	78.0	92	64	5.23	1.64	6.1	sw.	87	67	84	60
Means and extremes.....	30.06	77.0	96	56	7.13	3.60	6.1	s.	87	68	82	54

Climatological Data for August, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	37	79.6	−0.9	100	1	61	5	33	6.23	+0.46	1.90	0	12	8	11	12	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	77.6	−1.8	98	31	60	† 4	33	8.85	+5.93	3.20	0	13	16	14	1	w.	B. O. Evans.
Charleston	Charleston	48	49	80.2	−0.1	95	31	66	4	22	7.02	+0.05	2.14	0	13	4	11	16	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	78.6	+0.3	97	1	60	4	30	11.51	+4.74	3.23	0	10	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	[a]78.4	−0.9	94	† 1	62	5	27	14.78	+7.72	4.95	0	17	8	0	23	sw.	Paul Quattlebaum.
Darlington	Darlington	175	25	[a]78.6	−0.2	[a]95	† 2	[a]63	5	[a]25	12.51	+7.56	5.10	0	15	8	9	14	.....	D. C. McCalf.
Edisto	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	9.42	+3.08	2.50	0	15	.....	.....	.....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	7.11	+0.71	2.62	0	13	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	78.4	+0.2	94	† 1	62	† 4	29	9.47	+2.15	2.92	0	17	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	39	79.6	−0.6	97	30	63	4	32	5.63	+0.13	2.20	0	12	8	7	16	sw.	H. K. Gilbert.
Florence 2	....do	136	5	.....	.....	.....	.....	.....	.....	.....	6.28	+0.78	3.30	0	8	18	8	5	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	79.6	.....	96	† 1	62	4	30	4.88	.....	1.41	0	19	5	23	3	sw.	Maner B. Robert.
Georgetown	Georgetown	12	28	78.8	−1.3	96	1	62	6	33	10.11	+3.07	2.06	0	14	1	26	4	sw.	A. P. Hazard.
Kingstree	Williamsburg	54	39	79.7	+0.3	95	†16	63	4	26	11.24	+4.74	3.62	0	17	13	1	17	w.	W. H. Matthews.
Oaks	Georgetown	.....	5	.....	.....	[b]97	6	64	4	.....	8.07	.....	2.10	0	17	6	22	3	s.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	78.4	.....	96	1	60	1	36	4.08	.....	1 26	0	4	7	10	14	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	.....	.....	.....	.....	.....	.....	.....	.....	4.60	.....	0.70	0	11	13	13	5	se.	State A. and M. College.
Paris Island	Beaufort	13	36	81.8	+1.0	96	† 2	67	† 5	24	4.75	−2.41	1.55	0	8	5	11	15	w.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	76.5	−1.4	92	31	64	4	.....	11.73	+3.64	4.00	0	16	3	16	12	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	6.25	.....	2.50	0	12	.....	.....	.....	.....	William B. Wolfe.
St. George	Dorchester	109	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Davis.
St. Matthews	Calhoun	62	39	78.6	−0.7	97	1	60	† 4	31	11.04	+5.31	1.68	0	18	21	3	7	w.	Miss Frances M. Antley.
Society Hill	Darlington	192	30	[d]77.4	−1.0	[c]96	31	[d]61	4	[d]27	5.16	−0.80	1.18	0	12	12	17	2	s.	A. H. Rogers.
Summerville	Dorchester	75	23	79.7	+0.4	98	1	63	4	31	10.47	+2.45	3.38	0	16	8	18	5	sw.	E. P. Lawton.
Walterboro	Colleton	69	18	[c]79.8	−0.6	[d]98	† 1	[c]63	4	[c]31	5.46	−1.55	1.51	0	10	16	3	12	.....	J. N. Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	4.96	.....	3.76	0	6	.....	.....	.....	.....	Combahee Company.
Yemassee	Hampton	24	32	78.8	−1.3	96	31	62	4	30	4.54	−2.15	1.90	0	12	18	5	8	s.	W. C. Hutson.
Division means and	extremes	.....	....	78.9	−0.6	100	1	60	† 1	36	7.97	+1.43	5.10	0	13	10	11	10	sw.	
Western Portion.																				
Aiken	Aiken	527	59	78.8	+0.2	95	2	61	4	24	3 53	−2.10	0.80	0	13	18	4	9	sc.	Frank B. McCoy.
Anderson	Anderson	764	25	75.3	−3.3	91	31	63	† 5	32	5.47	−0.67	0.94	0	15	5	4	22	w.	H. H. Russell.
Batesburg	Lexington	656	37	77.2	−1.5	94	1	61	5	25	5.24	−0.78	1.23	0	14	7	17	7	sw.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	13.57	+8.94	2.48	0	17	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	76.9	.....	98	1	61	5	33	6.92	+2.06	1.72	0	15	9	10	12	sw.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	7 58	+2.15	1.75	0	13	..	.....	.....	.....	W. C. Brown.
Catawba	York	562	15	.....	.....	....	.....	.....	.....	.....	10.59	+5.22	1.72	0	16	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	6.55	+1.05	1.50	0	13	.....	.....	.....	.....	J. J. Murran.
Clemson College	Oconee	850	29	75.4	−2.3	88	1	63	5	22	8.95	+3.48	1.58	0	11	5	17	9	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	78.6	−0.9	95	1	63	5	23	7.68	+0.90	1.48	0	17	2	11	18	s.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	4.47	.....	1.80	0	12	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	13.93	+8.47	3.92	0	18	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	74.3	−1.2	89	31	61	6	23	5.96	−0.12	0.79	0	23	1	10	20	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	76.0	−1.7	90	† 1	61	5	28	6.04	+0.70	1.30	0	13	3	7	21	e.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	76.6	−2.8	92	31	60	9	27	8.09	+1.74	2.00	0	12	2	9	20	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	77.0	.....	93	† 1	62	5	25	7.73	.....	1.92	0	16	9	4	18	e.	John W. Hamel.
Landrum	Spartanburg	1063	5	74.5	.....	91	31	60	12	25	9.92	.....	1.49	0	15	2	19	10	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	75.8	.....	91	31	60	6	25	10.43	.....	2.53	0	12	.....	.....	.....	.....	Perry A. Simpson.
Liberty	Pickens	900	21	76.1	−2.0	92	31	61	3	30	6.76	0.00	1.10	0	21	0	23	8	s.	John T. Boggs.
Little Mountain	Newberry	711	28	[a]76.6	−2.8	[a]91	†17	[a]61	5	[a]22	11.21	+5.91	2.60	0	16	7	10	14	sw.	J. M. Sease. M. D.
Meriwether	McCormick	450	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	78.4	−0.4	95	31	62	5	26	3 23	−0.35	0.64	0	14	1	24	6	sw.	Joseph M. Johnson.
Newberry	Newberry	502	17	[b]79.4	0.0	[b]96	31	63	† 7	[b]27	7.98	+2.54	1.50	0	15	11	16	11	sw.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	8.22	+3.73	1.36	0	21	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	77.8	−1.6	95	† 1	61	5	29	5.16	−0.71	0.94	0	15	14	12	5	s.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	77.6	−0.9	95	† 1	56	27	32	15.40	+9.58	6.69	0	18	2	18	11	s.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	75.7	−1.8	92	1	60	6	27	8.92	+3.16	2.05	0	17	...	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	28	.....	.....	[b]96	31	[b]64	5	.....	2.81	−3.67	1.00	0	9	5	14	12	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	75.0	−1.5	92	31	61	5	27	14.74	+8.72	2.55	0	20	3	17	11	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Rev. Oliver Johnson
Winthrop College ††	York	690	21	76.5	−2.1	93	2	62	† 4	28	9.83	+4.02	3.50	0	15	7	13	11	n.	W. P. Goodman.
Division means and	extremes	.....	....	76.6	−1.9	98	1	56	27	33	8.17	+2.56	6.69	0	15	5	13	13	sw.	
Section means and	extremes	.....	....	77.7	−1.1	100	1	56	27	36	8.08	+1.95	6.69	0	14	8	12	11	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. †† Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for August, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah																																
Blackville ||||	Edisto		.10	.08	.10	1.00		.10		.30	.15	.20	1.10		.50						.50		.10					1.90			.10	6.23
Bowman	do	.16	T.			3.20	.43		.38	.28	.30	.22	.20			T.				2.35	.05	T.	.32	.47	T.		.49					8.85
Charleston ***	Coast		1.02	.13	2.00	.28	.02	.45	.83	.01						T.			.28		T.		.02	.22	T.							7.02
Cheraw ||||	Pee Dee	1.61			1.81	.15			.96	.32	1.71	.53			.71						3.23	.48		T.				1.33	.43	T.			11.51
Conway |||	Waccamaw		.75	1.24		.81	.70	.72		.17		.64	.11	1.34	.05		.36			4.95	.06			.23	.66					1.19	.80		14.78
Darlington ||||	Pee Dee			.30		2.95		.50		1.07	.33	.60	.35	5.10	.10	.10				.68	.16	.03			.18			.06					12.51
Edisto ||||	Edisto			.17	.04	2.50		.69	.51	.13	.42	.86	.87							T	.82	.10	.12		.11			.97	1.11				9.42
Effingham |||	Lynches		.56	T.		2.62	.37	1.38	.15	.54	.11	.42	.21							.11	.32	.24			.08				T.				7.11
Ferguson |||	Santee			.51	.32	2.92	.62	.27	.27	.29	.17	.05	.49				T.		T.	1.45	1.01	.05			.01	.35		.07	.62				9.47
Florence 1 |||	Pee Dee		.70		T.	2.20	.02	1.10		.23	.06	.11	.08							.24	.54				.28				.07				5.63
Florence 2 |||	do		.25			3.30		1.60			.31	.27								.40	.05							.10			.10	6.28
Garnett	Savannah		.20	.14	1.41	.39	.50	.20	.15	.15	.10	.16	T.	.02		.21		.09	T.		.03		.47	.06	T.			.21	.34	.05			4.88
Georgetown	Coast		1.00	1.05	.65	2.06	1.00	.60	.45			.17				.20			1.93					.35	.15			.20	.30			10.11
Kingstree |||	Black		1.27	.27		3.62	.45	.40	.24		1.83	.13	.30	.50	.22					.34	.80		.10			.25		.42	.10			11.24
Oaks	do		1.50	.32	.93	2.10	.72		.25		.28	.25	.23			.02			.03			.12	.38		.07	.35		.07		.45			8.07
Orangeburg 1	Edisto			.10	T.	1.26	.02	.48	.13	.11	.25	.50	.39								.20	.06							.58		T.		4.08
Orangeburg 2	do		.50		.50		.60		.50	.50	.30	.20								.40	.30	.15						.65					4.60
Paris Island	Coast			.10	.70	1.55			.40											.50					.30				.80	.40			4.75
Pinopolis	Cooper		.65	4.00	1.00		.50	.20	1.00	.30	.20	.30	.50	.46							.10			.43			.32	1.72	.05			11.73
Rimini |||	Santee		1.18	.18	.05	2.50		.17		.08	.12	.34										.06	.42			.12			1.03				6.25
St. George |||	Edisto																																
St. Matthews |||	Santee		.17	.53	.03	1.55	.02	.88	.18	.12	.46	.12	.16							1.50	1.68					.70	.02	.14	.71	.07			11.04
Society Hill |||	do		.65				.02		.32	.42	.19	1.18		.69	.65					.35	.41	.07										.21	5.16
Summerville	Ashley		.01	.78	1.01	3.38	.14	.29	.89	.53	.19	.63	1.23			.11			.09								.06	1.08	.05				10.47
Walterboro	Ashepoo	.36			1.51	.28	.10			1.30	.70	.53	.36									.18					T.	.14		T.			5.46
Whitehall (near)	Combahee				3.76						.31	.24	.12	.29									.24										4.96
Yemassee |||	Ashepoo			.21	.30	1.90		.22		.33		.06		.12			.05							.04	.04			.87	.40				4.54
Western Portion.																																	
Aiken	Edisto	.23		.45	.19		.07	.17	.32		.40	.41	.22		.11					.06				.10					.80				3.53
Anderson	Savannah			.42		.10			.25	.94	.62	.72		.03	.40		.28	.52	.27	.57		.08			.07			.20					5.47
Batesburg |||	Edisto			.34		.18	.04	1.23		.37	.22	.16		T.		T		.22	.20	.54	.72		.09					.18	.76		T.		5.24
Blairs |||	Broad					.20				.49	.56	.46	1.10	1.04	.10	2.48			1.89	.20	.85	.10	.12	.60	.35			1.47	1.56				13.57
Calhoun Falls |||	Savannah		.06							.62	.38	1.72	1.20	.28	.32	.62	.08	.24	.43	.16	.02	.58							.21				6.92
Camden |||	Wateree					1.75	.10	.15		.70	.84	.90	.35	.20	1.15					.10	.80						.12	.42						7.58
Catawba |||	Catawba		.95			1.30	.75			.95	.65	.34	.40		.30	.22				.15	.12	.33	1.36		1.05			.22	1.50				10.59
Chappells |||	Saluda									.40	.80	.40	.30		.10	.80				.80	.05	1.50	.10	.15				1.10	.05				6.55
Clemson College	Savannah		1.10			T.	T			1.58	1.33		.71		.66	.28		.81		1.09				.41				.92		.06			8.95
Columbia ***	Congaree	T.	.03		.12	.43	.38	T.	.57	1.25	.52	.38	.01	1.48	T		.10		.66	.03	.02	.01	T.				T.	1.23	.46				7.68
Edgefield |||	Savannah							.35		.25		.48	.22		.15		.05	1.80	.22	.25	.45			.10					.15				4.47
Gaston Shoals |||	Broad		.02			.33	.41		.02	1.63	1.95	.56	.04	.80	.04	.43	.88		.99	1.12	.18	.33		T.				3.92	.28				13.93
Greenville ***	Saluda	T.	.16			.14	.02	T.	.44	.63	.54	.06	.47	.45	.32	.56	.01	.10	.21	.39	.05	.10	.39	.01	.03			.58	.02	T.	T.	.28	5.96
Greenwood |||	do		.04			.06				.58	.52	.48	.83			.48		1.25	.27	1.30	.07	.05						.11				6.04
Heath Spring	Wateree	1.20				2.00			.70	.63	.70	.23	.43	.78			.04		.23	.85		.20		.10								8.09
Kershaw |||	Lynches		.21			1.92		.19		.55	.77	1.44	.34	.05	1.00			.03		.15	.20		.47		.21			.02	.18				7.73
Landrum	Broad			.38		.52			1.21	1.37	.66	.39	.78	.17	.50	.08		1.49		.56		.13			.15			1.53					9.92
Laurens |||	Saluda								.95	.82		.55	.35		.85	1.47	.87	.25	.99			.70	2.53					.10					10.43
Liberty	Savannah			.35		.04	.02	.03	.14	.24	1.10	.10	.40	.25	.20	.45	.15	1.10	.25	.60	.05		.05				.24	.35		.65			6.76
Little Mountain	Saluda					.12	.31	.20	.63	.84	.14	.25	.32		2.60		.77		1.76	.82		.21		.33			.11	1.80					11.21
Meriwether	Savannah																																
Monetta	Edisto					T.	.09	.61	.19	.21	.03	.15	.16	.03		.08		T.		.52	.64		.45					.45	.02				3.23
Newberry	Saluda						T.			.05	.10	.90	.36	.23	.20	1.50		.10	.20	1.44	.86		.28		.56			.05	1.15					7.98
Pelzer |||	do	T.			1.36		.02	.02	.32	.02	.94	.96	.50	.74	.02	.22	.48	.32	.04	.10	.24	1.06	.02			.56			.02	.26		T.		8.22
Saluda	do						.16	.57	.36	.05	.05	.30	.81	.10		.07		.15	.30	.90	.94	.05							.35					5.16
Santuck	Broad						.36	.02		.53	4.36	.23	.46	.09	.46	.03	.14	.02	T.	.26	1.31	.02	.37	.12			.03	T.	6.69					15.40
Spartanburg |||	do			T.			T.	.20		.28	2.05	2.00	1.24	.18		.03	.40	T.	.03	.12	.58	.87	T.		.05	.08		.31	.43			.07	8.92
Trenton	Edisto	T.						1.00	.24	.18	.09	.18	.35	.16		.11			T.	T.	.50		T.	T.										2.81
Walhalla	Savannah				.18		T.	.04	.04	.41	2.55	1.11	.10	1.27	2.23	.58	.44	.01	.91	2.50	.25		.05			.04			.87			.19	.97		14.74
Winnsboro	Broad																																
Winthrop College	Catawba		.65				.02			.06	.55	1.75	.25	.70	.07	.43				.21	.85	.35	.31		.13				3.50				9.83

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.8	101	49	6.54	11				
1888	77.8	102	50	4.53	10				sw.
1889	74.4	97	45	6.37	12				se.
1890	77.1	96	51	4.25	9				s.
1891	78.9	98	55	8.79					sw.
1892	79.5	96	59	4.42					sw.
1893	77.5	97	57	12.45	13	10	9	12	ne.
1894	77.9	102	55	7.28	11	10	13	8	sw.
1895	79.4	101	55	7.95	13	9	14	8	sw.
1896	80.4	105	52	4.14	7	14	12	5	sw.
1897	78.0	102	57	5.16	9	13	9	9	sw.
1898	78.7	99	57	9.81	18	8	11	12	sw.
1899	81.2	103	59	6.26	10	12	11	8	sw.
1900	83.0	106	60	2.13	5	21	9	1	sw.
1901	78.6	97	57	9.01	15	7	14	10	s.
1902	78.6	104	55	5.07	12	14	10	7	sw.
1903	80.6	105	60	7.15	12	15	9	7	sw.
1904	77.6	102	54	8.47	14	12	9	10	sw.
1905	77.9	107	46	5.69	11	15	8	8	sw.
1906	80.6	100	60	6.62	15	7	17	7	sw.
1907	79.4	101	54	5.41	9	13	13	5	sw.
1908	78.6	100	49	9.11	10	12	11	8	s.
1909	78.8	104	53	4.83	8	15	12	4	ne.
1910	79.0	101	60	6.00	10	11	12	8	ne.
1911	80.0	104	51	6.05	12	10	15	6	sw.
1912	79.2	104	54	3.69	9	16	8	7	sw.
1913	78.9	109	56	3.76	9	15	9	7	sw.
1914	79.0	101	56	5.88	13	9	15	7	sw.
1915	78.8	102	52	7.62	14	11	11	9	sw.
1916	79.6	100	58	3.27	8	16	10	5	sw.
1917	78.5	102	49	3.23	8	15	10	6	sw.
1918	80.2	106	52	4.45	7	20	7	4	sw.
1919	78.5	103	53	5.08	9	14	11	6	sw.
1920	77.7	100	56	8.08	14	8	12	11	sw.
Period	78.8	109	45	6.13	10	13	11	7	sw.

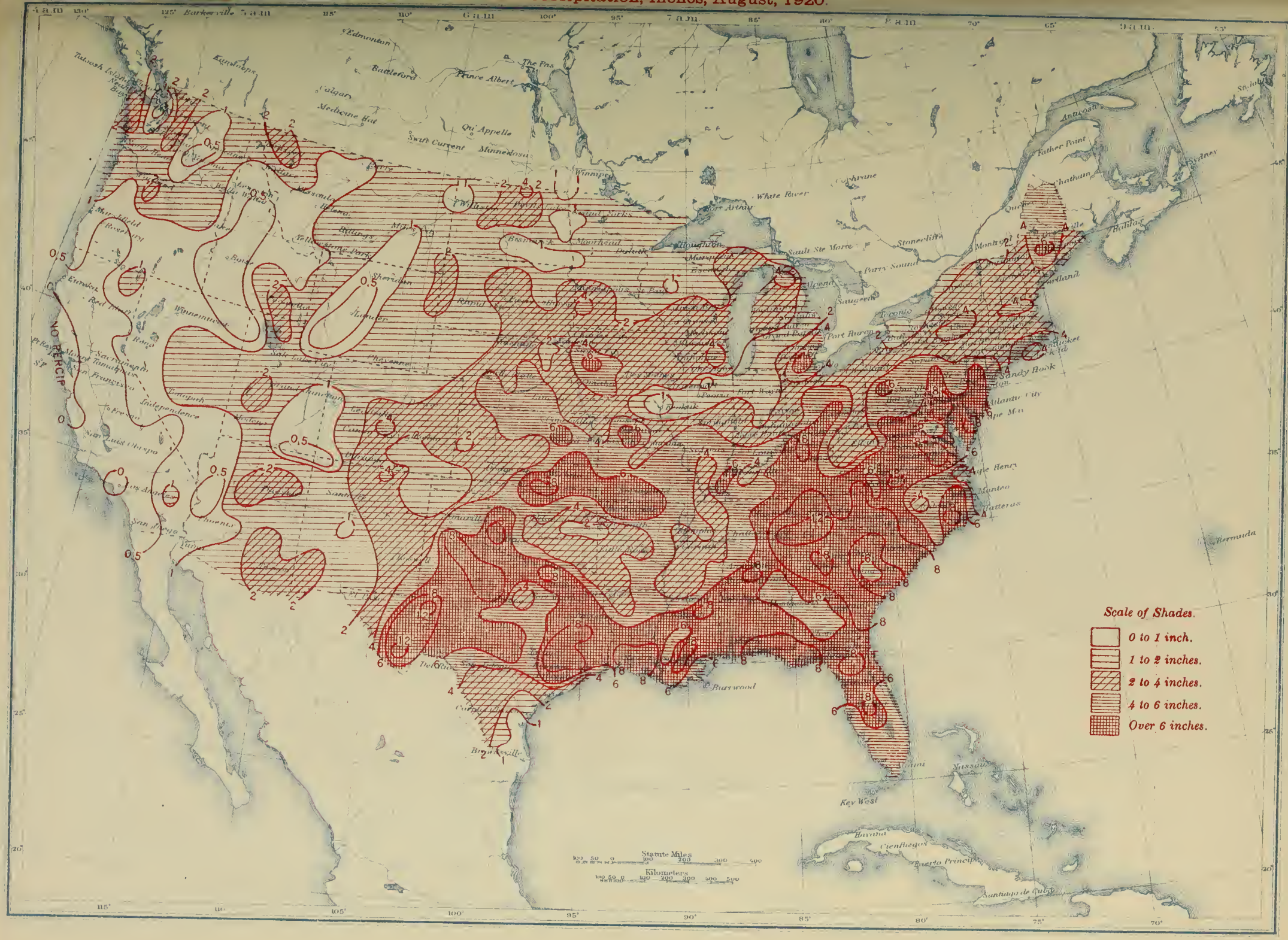
Daily Temperatures for August, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blackville	Maximum	100	87	96	77	85	87	88	87	90	90	90	92	93	91	90	92	91	94	92	89	92	90	89	90	92	94	84	86	91	95	95	90.3
	Minimum	67	70	70	68	61	66	65	69	69	69	70	70	72	72	69	70	70	70	70	68	71	71	70	71	68	69	69	68	67	69	70	69.0
Bowman	Maximum	95	85	82	75	85	82	87	83	84	85	87	91	90	90	91	93	94	95	95	88	90	90	90	90	90	80	90	92	95	98	98	88.8
	Minimum	65	68	67	60	60	62	63	67	66	66	67	67	68	67	66	66	67	68	70	70	68	69	69	68	69	66	65	65	66	65	70	66.5
Charleston	Maximum	94	85	80	76	80	84	83	83	84	86	86	88	87	85	86	86	86	87	88	89	92	93	91	86	86	84	81	85	85	89	95	86.1
	Minimum	72	72	72	66	68	71	71	73	75	77	77	78	78	77	77	77	76	76	77	77	77	78	76	74	75	77	70	70	73	74	76	74.4
Cheraw	Maximum	97	85	87	72	79	85	90	96	89	90	89	90	87	89	93	91	93	95	82	90	89	84	88	83	91	89	82	87	92	95	95	88.5
	Minimum	68	67	66	60	65	68	68	66	69	69	69	70	70	69	70	70	71	70	72	69	69	71	71	65	69	69	68	68	70	70	70	68.6
Conway	Maximum	94	86	79	72	79	85	85	83	85	85	87	89	87	88	87	90	90	86	89	90	91	90	91	85	86	87	83	87	89	93	94	86.8
	Minimum	67	70	70	64	62	71	66	72	70	74	74	74	73	72	70	70	70	72	70	70	74	73	73	70	71	68	66	68	68	69	73	. 70.1
Darlington §§	Maximum	....	95	83	83	79	84	88	86	88	85	85	90	89	88	90	90	91	92	90	88	90	89	90	80	87	87	78	86	90	94	95	[a]87.7
	Minimum	69	....	70	68	63	67	65	70	70	70	71	72	69	72	70	72	71	72	73	70	72	73	72	67	68	68	66	66	68	69	73	[a]69.5
Ferguson §§	Maximum	94	80	81	69	84	81	85	87	88	87	87	88	90	90	89	91	91	90	90	89	89	90	87	86	89	87	87	88	91	93	94	87.5
	Minimum	65	66	71	62	62	62	67	69	72	71	71	72	72	70	70	68	68	71	70	68	72	70	71	73	70	71	71	69	68	72	71	69.2
Florence 1	Maximum	96	86	84	77	80	86	86	86	89	86	89	93	93	94	96	94	96	91	94	92	93	92	92	82	89	89	78	89	91	97	98	89.6
	Minimum	64	67	70	63	67	67	67	68	71	71	72	72	73	73	74	72	71	72	73	69	70	72	72	68	69	69	67	66	68	69	71	69.6
Garnett	Maximum	96	84	86	73	80	90	90	87	92	91	91	93	92	94	93	93	93	94	95	94	93	94	90	85	92	95	89	88	91	94	96	90.6
	Minimum	67	72	69	62	63	65	67	67	70	70	71	71	71	70	68	68	67	70	70	70	71	71	70	68	67	65	69	68	69	69	71	68.6
Georgetown	Maximum	96	83	80	74	88	86	90	87	87	87	88	89	88	90	90	82	81	85	91	89	90	91	90	87	88	86	85	88	88	89	93	87.3
	Minimum	63	71	70	63	65	62	67	67	73	75	74	72	71	74	74	72	69	74	73	70	74	78	72	71	71	70	69	69	70	68	72	70.4
Kingstree	Maximum	93	83	79	72	82	84	90	89	89	85	88	89	93	93	93	95	95	90	93	90	90	94	92	90	88	90	88	90	91	94	95	89.3
	Minimum	67	67	70	63	66	70	67	71	71	72	72	73	72	72	70	70	71	73	71	69	72	73	71	71	70	70	70	68	68	70	78	70.1
Oaks	Maximum	93	90	86	78	92	97	95	89	87	89	90	88	91	91	90	92	93	92	91	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	65	70	71	64	65	69	67	73	72	72	73	73	71	70	69	69	68	72	70	68	71	73	72	71	72	67	67	68	67	67	67	69.5
Orangeburg 1	Maximum	96	85	87	73	85	87	88	86	88	92	89	92	91	92	91	93	92	92	94	90	91	89	91	88	88	86	79	85	90	93	94	88.9
	Minimum	60	66	61	63	62	66	66	66	70	69	70	70	71	71	69	69	69	70	71	68	70	72	69	72	67	69	68	68	67	69	71	68.0
Paris Island §§	Maximum	96	92	82	71	84	88	86	87	89	88	89	90	90	90	91	93	92	94	91	92	94	95	91	89	93	92	88	88	91	94	96	89.9
	Minimum	72	75	73	68	67	74	70	73	75	74	75	77	75	75	74	75	77	75	77	76	76	76	74	72	74	73	73	68	71	73	75	73.6
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
St. Matthews	Maximum	97	85	84	72	87	85	85	87	88	90	90	94	92	90	92	90	94	93	93	90	91	92	91	86	89	85	79	85	90	92	95	88.8
	Minimum	66	68	66	60	60	66	64	68	72	70	73	70	74	70	68	70	70	70	71	66	66	73	70	65	67	68	70	68	68	70	70	68.3
Society Hill §§	Maximum	95	80	79	....	76	86	86	86	87	91	....	89	88	87	91	89	....	94	86	89	88	87	86	76	86	82	74	86	87	94	96	[c]86.5
	Minimum	....	68	66	61	....	62	65	70	70	70	71	....	71	69	70	72	70	....	71	69	70	72	71	65	67	67	65	66	67	69	71	[d]68.3
Summerville	Maximum	98	89	82	75	82	88	88	87	88	84	87	86	89	91	91	94	92	91	92	94	92	94	94	90	93	89	87	88	88	94	97	89.5
	Minimum	67	72	70	63	66	68	67	70	70	72	72	72	71	70	70	69	70	68	72	70	71	72	72	73	70	72	68	68	70	70	71	69.9
Walterboro	Maximum	98	86	94	70	....	....	90	92	87	88	....	....	90	91	91	92	92	92	92	92	93	94	92	93	93	94	84	91	93	98	96	[d]91.0
	Minimum	....	72	70	63	....	....	67	68	72	72	....	....	71	71	69	68	69	68	....	....	68	67	68	68	67	68	70	68	67	68	67	[f]68.6
Yemassee	Maximum	94	86	84	76	82	89	89	84	89	89	89	89	90	91	90	92	91	91	92	92	92	92	89	84	92	93	85	87	91	94	96	89.2
	Minimum	64	71	70	62	63	70	66	68	69	71	71	72	71	70	68	67	67	69	69	68	70	72	70	67	67	73	67	66	67	67	70	68.5
Western Portion.																																	
Aiken	Maximum	90	95	90	82	83	86	85	85	87	86	87	88	89	89	89	90	91	90	88	87	90	89	87	87	89	88	90	88	89	92	94	88.4
	Minimum	67	69	69	61	63	66	65	68	72	69	70	71	72	72	71	72	71	69	73	69	72	72	69	69	68	69	68	67	69	71	70	69.1
Anderson	Maximum	90	85	80	75	69	83	87	78	81	80	77	83	82	82	85	84	87	82	80	83	87	84	81	76	82	80	73	82	85	86	91	81.9
	Minimum	68	70	67	64	63	63	70	68	69	69	69	70	70	70	70	70	69	69	68	70	71	70	69	71	67	68	65	67	74	69	74	68.7
Batesburg	Maximum	94	85	83	76	84	86	83	83	87	85	87	87	89	87	87	87	89	89	86	87	87	86	86	87	87	89	78	81	87	92	93	86.4
	Minimum	71	69	69	64	61	64	64	67	70	67	68	69	70	71	69	70	69	67	68	67	71	71	70	69	69	68	65	65	68	70	70	68.1
Calhoun Falls §§	Maximum	98	91	91	86	82	91	93	85	89	86	81	85	89	85	88	92	90	88	84	88	89	87	87	88	88	88	83	84	89	94	91	88.1
	Minimum	64	68	68	64	61	62	63	65	67	70	67	68	68	69	68	67	66	66	65	67	68	69	65	63	64	65	66	63	63	63	66	65.7
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	88	87	83	79	78	80	83	84	82	80	78	80	81	79	84	85	84	84	79	84	85	85	81	81	82	82	81	80	83	85	87	82.4
	Minimum	68	70	67	66	63	65	69	69	68	69	71	70	70	71	70	71	69	69	68	71	73	70	71	69	69	68	67	66	66	65	67	68.5
Columbia	Maximum	95	84	84	71	81	84	85	85	84	87	87	89	88	87	90	90	91	91	87	88	89	88	88	85	88	88	74	85	89	92	94	86.7
	Minimum	72	72	70	63	63	67	67	71	70	70	72	72	72	73	73	73	72	70	72	71	72	73	72	69	68	73	68	67	71	72	72	70.4
Greenville	Maximum	88	84	81	77	73	79	85	82	82	77	77	78	81	79	82	85	87	82	79	84	86	83	80	76	84	81	69	82	82	88	89	81.4
	Minimum	67	67	66	64	62	61	66	68	68	68	69	69	69	70	69	68	68	68	67	69	72	69	69	67	68	67	64	64	67	67	66	67.2
Greenwood	Maximum	90	87	84	80	80	84	86	80	82	81	82	85	85	85	85	86	85	82	85	83	85	83	85	81	82	82	79	79	84	88	90	83.8
	Minimum	70	68	70	65	61	64	66	68	69	68	68	70	71	72	70	70	68	68	68	68	72	70	70	70	68	68	67	65	64	67	69	68.2
Heath Spring	Maximum	91	89	86	84	83	82	82	83	83	83	83	84	85	85	86	86	89	89	88	85	86	84	83	93	85	82	85	84	88	91	92	85.8
	Minimum	69	68	65	62	61	65	66	68	69	68	70	70	69	69	68	69	69	68	69	67	70	71	70	66	68	65	67	66	68	70	72	67.4
Kershaw	Maximum	93	85	85	75	77	85	86	85	84	86	85	86	88	87	89	89	91	91	88	88	87	84	85	82	86	86	78	85	89	92	93	86.1
	Minimum	68	68	66	63	62	65	65	68	69	69	70	70	70	69	70	71	69	69	70	68	70	70	71	66	65	67	67	66	68	69	70	68.0
Landrum	Maximum	85	86	79	78	71	80	86	81	82	77	80	82	84	83	85	86	86	85	86	80	86	88	86	80	78	85	81	71	83	85	88	82.5
	Minimum	66	64	65	64	62	61	67	66	68	69	69	60	68	69	69	66	73	65	66	70	69	71	70	61	67	66	65	63	65	67	70	66.5
Laurens §§	Maximum	91	85	88	78	78	87	85	86	84	83	78	85	85	84	87	88	88	85	85	85	87	85	81	80	85	84	73	82	85	88	90	84.4
	Minimum	66	68	69	64	63	60	63	67	69	69	68	69	70	71	70	67	68	64	68	68	70	70	69	69	66	66	68	65	65	67	67	67.2
Liberty	Maximum	91	91	86	79	74	87	88	84	84	79	81	83	83	82	87	87	89	84	84	86	90	89	84	81	85	83	79	84	84	88	92	84.8
	Minimum	67	64	61	64	65	62	69	67	67	71	71	71	70	70	70	70	70	68	67	66	70	70	70	67	68	64	66	65	65	67	68	67.4
Little Mountain	Maximum	90	88	86	76	78	81	86	....	86	83	85	83	85	89	84	90	91	87	81	84	90	87	85	81	83	88	72	85	87	87	91	[b]84.9
	Minimum	70	70	67	65	61	65	65	....	69	68	69	70	70	69	69	72	70	68	70	67	71	70	70	68	66	70	65	65	65	70	71	[b]68.2
Meriwether	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Monetta	Maximum	94	89	86	78	83	88	86	85	88	86	88	88	89	89	93	91	94	91	87	88	89	86	87	88	89	92	78	84	89	94	95	88.1
	Minimum	68	72	69	65	62	65	65	67	72	69	70	70	71	72	70	71	69	69	69	68	71	70	70	69	68	70	65	65	68	69	70	68.6
Newberry	Maximum	....	....	....	....	....	....	....	....	90	....	90	89	90	88	89	95	90	93	91	90	90	94	90	88	....	90	88	....	89	91	95	96	[b]90.8
	Minimum	70	70	72	64	68	69	63	65	65	63	63	68	67	70	68	70	71	71	72	71	69	69	67	68	65	63	63	69	71	72	75	68.1
Saluda	Maximum	95	89	86	78	85	90	84	86	87	88	88	89	90	88	92	91	90	90	85	88	90	87	87	88	90	91	80	86	90	90	95	88.2
	Minimum	70	69	67	66	61	64	64	66	66	69	70	67	70	71	69	70	66	68	68	66	70	71	71	67	65	66	65	64	65	66	68	67.3
Santuck	Maximum	95	90	87	88	76	86	91	93	79	88	85	90	91	93	91	92	94	91	89	93	89	89	88	82	89	90	74	87	90	95	93	88.6
	Minimum	69	68	69	65	61	60	61	68	69	68	68	68	69	70	68	63	66	67	68	68	70	67	70	66	63	65	56	64	65	72	70	66.5
Spartanburg	Maximum	93	89	87	85	81	70	85	89	84	84	81	79	84	86	82	87	89	90	88	79	88	89	87	82	78	85	82	70	84	87	91	84.4
	Minimum	66	66	66	62	63	60	66	68	68	69	69	69	69	70	68	67	69	67	67	68	71	68	70	67	65	67	68	65	66	67	67	67.0
Trenton	Maximum	92	87	....	85	78	83	....	....	....	....	....	....	....	....	....	90	92	93	94	89	85	87	84	84	86	89	92	88	88	88	91	96	.....
	Minimum	64	65	....	68	64	67	....	....	....	....	....	....	....	....	....	80	71	69	68	70	76	72	70	73	68	68	67	66	68	70	70	69	.....
Walhalla	Maximum	90	88	81	79	76	82	87	82	82	78	81	80	82	82	85	86	90	84	81	36	89	88	82	82	86	85	81	84	84	88	92	84.0
	Minimum	64	68	64	65	61	62	68	65	66	69	68	65	65	68	68	67	66	66	66	68	68	68	67	66	68	64	65	64	63	65	65	65.9
Winnsboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Winthrop College	Maximum	90	93	85	82	72	83	85	87	85	83	81	85	87	86	86	91	91	90	85	88	90	88	81	77	85	87	84	85	88	91	92	85.9
	Minimum	66	68	65	62	62	64	65	70	68	61	70	70	71	70	70	69	68	69	68	68	70	70	69	65	65	65	62	64	65	70	70	67.1

Reference letters (a, b, c), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Precipitation, Inches, August, 1920.



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U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

SEPTEMBER, 1920

BY

RICHARD H. SULLIVAN

METEOROLOGIST

WEATHER BUREAU OFFICE
COLUMBIA, S. C.
October 22, 1920

Departure of the Mean Temperature from the Normal, September, 1920.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., SEPTEMBER, 1920 No. 9.

GENERAL SUMMARY.

September was considerably warmer than usual, with 15 days on which the temperatures ranged 5° to 11° per day above normal. Precipitation was much above the average, on the whole, and very irregularly distributed.

The month opened with cotton in all stages of condition, according to previous cultivation, fertilization, rainfall, and insect ravages, with much of the crop matured and opening rapidly, and picking quite general; there was considerable shedding, boll rot, and rust, with steady deterioration as the month advanced; weevil and other insect damage increased in the central and southern counties to such an extent that little or no top crop could be expected in those sections, on the whole. The intermediate and late corn crops maintained generally satisfactory condition throughout the month, and sweet potato prospects improved with the drier weather after the first decade. Peanut harvest progressed slowly, with satisfactory results. Apples, pears, and grapes were fair to good. Field and garden truck became rather scarce during the relatively dry weather of the middle of the month. Sorghum and cane molasses of fine quality appeared on market during the first week. Peavine and forage harvests progressed during the month under generally favorable conditions, with good yields. Outdoor operations were practically suspended by the rains on the 29th and 30th.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.01 inches. The highest pressure in the region covered by reports was 30.23 inches at Charlotte, N. C., on the 21st, and in the Section proper, 30.21 inches at Columbia on the same date; the lowest pressure was 29.33 inches at Wilmington, N. C., on the 30th, and in the Section proper, 29.44 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 75.5°, or 1.5° above the established normal. The highest temperature was 100° at Garnett, Hampton County, on the 2d. The lowest temperature was 46° at Darlington, Darlington County, on the 30th. The warmest periods were on the 1st and 2d, from the 10th to the 14th, and from the 23d to the 28th. The coolest periods were on the 3d and 4th and at the close of the month, when a marked break to lower temperatures occurred.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 85%; noon, 61%; 8 p. m., 76%. The highest percentages occurred over the extreme northwestern and extreme eastern counties, and the lowest, in the west-central interior.

PRECIPITATION.

The average for the Section, 55 stations reporting, was 5.42 inches, or 1.48 inches above the established normal. There were five fairly well defined periods of rainfall. Precipitation was badly distributed as to amount and area; in extensive sections of the upper and lower coastal plains, the lower Savannah watershed, and the northwestern edge of the State, the amounts ranged from 4 to nearly 11 inches, while in a small area of the middle coastal plain and a large part of the Piedmont counties the measurements ranged from less than 4 inches downward to less than 2 inches in Pickens County. The greatest local monthly amount was 10.85 inches at Florence No. 2 (Pee Dee Experiment Station, Florence County, and the least local monthly amount was 1.81 inches at Liberty, Pickens County. The greatest 24-hour rainfall at any station was 4.05 inches at Florence No. 2, Florence County, on the 29th and 30th. The number of rainy days was normal.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 8 anemometer records, was 6.5 miles. The highest average velocity was 9.1 miles per hour at Charleston; the lowest average was 4.1 miles per hour at Charlotte, N. C., and in the Section proper, 5.4 miles per hour at Columbia. The highest velocity for any 5-minute period was 38 miles per hour from the northwest at Savannah, Ga., on the 30th, and in the Section proper, 29 miles per hour from the northeast at Charleston on the 20th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 235.4 hours, or 63% of the possible amount. The average number of clear days was 16; partly cloudy, 8, and cloudy, 6, as against normals of 15, 8, and 7 days, respectively.

RIVER CONDITIONS.

Incident to the August rains, flood stages continued in the Santee River at Rimini until the 14th, and at Ferguson, until the 18th, but the river continued high until the close of the month. The remaining rivers of the Section were relatively low.

MISCELLANEOUS PHENOMENA (dates).

Fog, Dense.—Bowman, 25, 26; Calhoun Falls, 15; Chappells, 6; Charleston, 26; Edisto, 25; Florence No. 2, 25, 26, 27, 28, 29; Kingstree, 8, 29; Paris Island, 27; Rimini, 25; Santuck, 15.

Hail.—Monetta, 28; Saluda, 2; Walhalla, 9.

Halos—Solar: Columbia, 7, 13; Greenville, 14, 15.

ERRATA.

AUGUST, 1920.—Columbia: Wind text, 5th line, 5.4 should be 5.3; miscellaneous table, average wind velocity should be 5.3, and mean relative humidity, 8 p. m., should be 77.

MISCELLANEOUS DATA FOR SEPTEMBER, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.06	67.2	82	41	4.20	1.33	5.7	nw.	93	64	82	50
Augusta, Ga.	30.00	79.4	93	50	6.49	4.06	4.5	nw.	83	56	74	70
Charleston, S. C.	29.99	77.8	95	55	8.30	3.62	9.1	ne.	83	65	78	75
Charlotte, N. C.	30.02	72.7	89	48	3.53	1.02	4.1	ne.	84	60	73	65
Columbia, S. C.	30.02	76.0	93	50	4.17	2.32	5.4	ne.	86	58	69	60
Greenville, S. C.	30.01	72.8	89	48	2.65	1.33	7.2	ne.	81	61	74	70
Savannah, Ga.	29.99	78.2	96	52	5.94	2.09	9.0	ne.	86	60	76	60
Wilmington, N. C.	30.00	75.4	93	56	11.09	3.68	7.0	ne.	87	65	80	57
Means and extremes	30.01	74.9	96	41	5.80	4.06	6.5	ne.	85	61	76	63

Climatological Data for September, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	39	77.5	+1.5	94	13	54	19	35	4.30	+0.41	1.30	0	6	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	37	77.0	+1.4	96	2	55	18	38	5.00	+0.63	2.50	0	7	21	5	4	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	75.2	0.0	95	1	50	30	35	3.17	−0.29	1.28	0	5	18	10	2	e.	B. O. Evans.
Charleston	Charleston	48	49	77.8	+1.6	95	12	55	30	21	8.30	+2.84	3.62	0	12	10	13	7	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	76.8	+3.7	98	12	51	19	41	3.38	−0.25	1.05	0	6	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	76.8	+2.0	95	12	57	21	28	7.08	+2.23	2.10	0	5	14	0	16	ne.	Paul Quattlebaum.
Darlington	Darlington	175	25	[b]76.5	+2.2	[b]95	12	[g]46	30	[b]35	9.37	+5.54	3.60	0	8	14	6	10	.....	D. C. McCall.
Edisto	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	8.99	+5.34	3.63	0	8	.....	.....	.....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	8.89	+5.37	3.50	0	8	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	75.4	+1.4	93	† 1	54	20	29	4.49	+0.69	1.12	0	7	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	39	76.8	+2.1	97	†25	54	19	31	7.41	+3.34	3.41	0	7	18	11	1	ne.	H. K. Gilbert.
Florence 2	....do	136	5	.....	.....	.....	.....	.....	.....	.....	10.85	+6.78	4.05	0	6	19	4	6	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	77.6	.....	100	2	52	19	39	6.39	.....	3.45	0	10	10	16	4	w.	Maner B. Robert.
Georgetown	Georgetown	12	28	77.6	+1.7	97	2	58	21	26	7.60	+3.43	2.45	0	6	19	7	4	n.	A. P. Hazard.
Kingstree	Williamsburg	54	39	76.6	+2.1	95	12	56	19	30	5.68	+1.85	1.96	0	7	25	1	4	ne.	W. H. Matthews.
Oaks	Georgetown	.....	5	.....	.....	.....	.....	57	†16	.....	8.46	.....	2.77	0	9	14	13	3	ne.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	76.2	.....	94	12	51	19	38	5.70	.....	1.94	0	7	19	7	4	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	...	.....	.....	.....	.....	.....	.....	.....	3.14	.....	2.00	0	6	16	8	6	e.	State A. and M. College.
Paris Island	Beaufort	13	36	79.6	+2.4	96	†12	64	19	24	6.00	+0.77	2.30	0	6	10	10	10	e.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	76.0	+1.8	92	12	61	†20	.....	10.48	+5.89	4.00	0	8	18	0	12	.....	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	10.03	.....	2.59	0	8	.....	..	...	.....	William B. Wolfe.
St. George	Dorchester	109	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Davis.
St. Matthews	Calhoun	62	39	.....	.....	93	13	.....	.....	.....	8.67	+5.03	3.84	0	10	.....	.....	.....	.....	Miss Frances M. Antley.
Society Hill	Darlington	192	30	[b]74.6	+1.4	[b]95	†13	[b]52	18	[b]35	5.07	+1.05	2.19	0	11	15	9	6	se.	A. H. Rogers.
Summerville	Dorchester	75	23	77.6	+2.6	97	2	56	30	34	5.73	+1.40	1.99	0	11	15	10	5	ne.	E. P. Lawton.
Walterboro	Colleton	69	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. N. Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	7.33	.....	2.62	0	4	.....	.....	.....	.....	Combahee Company.
Yemassee	Hampton	24	32	77.2	+1.7	95	† 2	52	19	38	3.41	−0.83	1.44	0	7	16	4	10	ne.	W. C. Hutson.
Division means and extremes		.....	.....	76.8	+1.8	100	2	46	30	41	6.73	+2.49	4.05	0	7	16	7	7	ne.	
Western Portion.																				
Aiken	Aiken	527	59	76.6	+2.5	94	12	55	30	30	5.28	+1.94	2.61	0	9	21	1	8	ne.	Frank B. McCoy.
Anderson	Anderson	764	25	[c]74.5	+0.3	[a]91	27	[c]53	30	[c]25	5.23	+1.83	2.25	0	7	18	1	11	w.	H. H. Russell.
Batesburg	Lexington	656	37	75.0	+1.1	93	12	51	30	30	3.54	−0.35	1.54	0	6	7	19	7	4	ne.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	4.28	+1.46	1.52	0	5	..	..	...	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	74.2	.....	94	1	55	19	34	3.65	−0.35	1.37	0	6	9	17	4	e.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	3.58	−0.17	1.38	0	9	...	..	...	.....	W. C. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	4.02	+0.81	1.30	0	9	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	2.50	−0.56	0.90	0	6	.....	.....	.....	.....	J. J. Murray.
Clemson College	Oconee	850	29	73.0	+0.2	89	12	57	19	24	4.68	+0.46	3.10	0	7	9	16	5	se.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	76.0	+2.3	93	12	50	30	28	4.17	+0.72	2.32	0	8	8	15	7	ne.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	5.98	.....	3.30	0	7	...	...	...	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	4.51	+1.54	1.22	0	13	...	..	..	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	72.8	+1.9	89	12	48	30	27	2.65	−0.26	1.33	0	8	11	14	5	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	74.2	+0.8	89	† 3	55	30	28	2.88	−0.91	0.82	0	7	17	2	11	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	75.4	+1.6	92	12	53	18	37	5.12	+1.94	1.20	0	7	12	13	5	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	75.2	.....	92	26	53	18	35	3.17	.....	1.21	0	9	22	1	7	e.	John W. Hamel.
Landrum	Spartanburg	1063	5	72.7	.....	92	27	50	30	35	9.43	.....	3.10	0	10	14	12	4	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	[a]72.2	.....	[a]90	12	[a]53	19	[a]32	4.17	.....	1.26	0	6	...	..	..	.....	Perry A. Simpson.
Liberty	Pickens	900	21	74.2	+1.3	91	12	54	30	30	1.81	−2.25	0.70	0	8	14	13	3	sw.	John T. Boggs.
Little Mountain	Newberry	711	28	75.0	0.0	91	12	55	30	27	4.16	+1.18	2.38	0	8	21	1	8	ne.	J. M. Sease, M. D.
Meriwether	McCormick	450	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	76.2	+1.9	93	† 1	57	19	27	3.64	+0.06	1.82	0	10	6	20	4	ne.	Joseph M. Johnson.
Newberry	Newberry	502	17	.....	.....	.....	.....	.....	.....	.....	4.05	+1.02	1.00	0	7	20	7	3	w.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	4.02	+0.81	1.50	0	9	...	..	..	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	75.0	+0.6	94	† 2	57	30	33	4.19	+0.89	1.10	0	8	25	0	5	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	[a]74.1	+0.7	[a]93	1	[a]53	†18	[a]33	2.60	−1.17	0.64	0	10	10	15	5	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	73.4	+1.3	92	12	55	30	30	4.19	+0.88	0.93	0	9	...	..	..	.....	F. P. Robinson.
Trenton	Edgefield	620	28	75.8	+0.5	94	1	57	30	31	4.47	+1.10	1.42	0	5	13	12	5	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	72.8	+2.0	91	† 1	50	30	36	6.96	+1.51	2.32	0	11	16	10	4	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Rev. Oliver Johnson
Winthrop College ††	York	690	21	74.3	+1.1	92	†12	54	30	30	4.17	+0.89	1.15	0	10	12	8	10	n.	W. P. Goodman.
Division means and extremes		.....	....	74.4	+0.6	94	† 1	48	30	37	4.24	+0.61	3.10	0	8	15	9	6	ne.	
Section means and extremes		.....	....	75.5	+1.5	100	2	46	30	41	5.42	+1.48	4.05	0	7	16	8	6	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. †† Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for September, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah			.93					.35	1.30	.30																		.02	1.40		4.30
Blackville ‖‖	Edisto			.60					.25	1.00	.30				10										.25				2.50			5.00
Bowman	do														63	.36												.68	1.28		.22		3.17
Charleston ***	Coast		.06	.09				.13	1.41	T.	.01				.27	3.35							.09	.06				.03	T.	.81	1.99		8.30
Cheraw ‖‖	Pee Dee										.15					.23								.96	.65			.34			1.05		3.38
Conway ‖‖	Waccamaw			.78	T					1.82														2.10				.95	T.		1.43		7.08
Darlington ‖‖	Pee Dee			.75				.10		3.60	.22					1.10								1.10				.20			2.30		9.37
Edisto ‖‖	Edisto			3.63					.06	2.20	.78					.42												.09		.11	1.70		8.99
Effingham ‖‖	Lynches			1.20						.34	.72					.60								.98				1.50	.05	T.	3.50		8.89
Ferguson ‖‖	Santee			1.12						.45	.22		T.			.83									T.			.75		.11	1.01		4.49
Florence 1 ‖‖	Pee Dee			.98						.44	.91					.35								1.18				.14			3.41		7.41
Florence 2 ‖‖	do			2.00							1.95					1.75								.96	.14					T.	4.05		10.85
Garnett	Savannah			3.45	.03	.08	T.	.01	.25	.89	.01				.11	T.		T.										T.		.32	1.24		6.39
Georgetown	Coast		T.	2.45					T.	.95	.35							.35					1.20						T.	2.10		7.60
Kingstree ‖‖	Black			1.05						1.96	.22													.35				.05		.20	1.85		5.68
Oaks	do			.34		.01		.01	.05	2.77	.01													1.72			1.50				2.05		8.46
Orangeburg 1	Edisto			.65	T.					1.94	.54					.03												.76		.15	1.63		5.70
Orangeburg 2	do								2.00															.01	.05				.08	.20	.80		3.14
Paris Island	Coast			.40	.60	.60				1.20						.90															2.30		6.00
Pinopolis	Cooper		2.15				.61		1.66	.20						4.00							.02					.08			1.76		10.48
Rimini ‖‖	Santee			1.10					.55	2.14	.45		.32			1.72												1.20			2.55		10.03
St. George ‖‖	Edisto																																
St. Matthews ‖‖	Santee			.80					.53	1.12	.22		.04			.38												.84	.15	.75	3.84		8.67
Society Hill ‖‖	do			.40			.02	.12		.39	.04					1.45		.02						.31	.07			.06			2.19		5.07
Summerville	Ashley		.17	.15				T.	1.25	.02	.15				.03	1.99								.02				.02		.35	1.58		5.73
Walterboro	Ashepoo																																
Whitehall (near)	Combahee		2.62							.80					.52	1.55															1.84		7.33
Yemassee ‖‖	Ashepoo			.80	T.	.20			.05	.84						.07	.01													T.	1.44		3.41
Western Portion.																																	
Aiken	Edisto			.09				.05	.06	.30	.93				.08			.17											2.61	.99		5.28
Anderson	Savannah			2.60	.25				.67	.29		.92						.42							.30						.38		5.23
Batesburg ‖‖	Edisto			.23						.89	.45		T.			T.		.09								.23				.11	1.54		3.54
Blairs ‖‖	Broad									.94	.21															1.09			1.52		.52		4.28
Calhoun Falls ‖‖	Savannah			.13						.10	1.37							.32								.42					1.31		3.65
Camden ‖‖	Wateree			.10						.18	1.20					.40		.50						.12	.10				.38		.60		3.58
Catawba ‖‖	Catawba			.20				.12		.46	.14													.10	1.20	1.30				.25	.25		4.02
Chappells ‖‖	Saluda			.90	.05					.50	.15															.10					.80		2.50
Clemson College	Savannah			3.10		T.	.15		.19	.45		.20	.05		T.		.54								T.								4.68
Columbia ***	Congaree		T.	.18			T.		.98	.19		.06				.03							T.	T.	T.			.41		1.99	.23		4.17
Edgefield ‖‖	Savannah			.18						.25	1.75					.20										.65			.25		3.30		5.98
Gaston Shoals ‖‖	Broad			.34	.15			.02		.03	.03		T.			.14	.03	.99							.96	.19			.11	.30	1.22		4.51
Greenville ***	Saluda			1.33	.14				.01	.11							.06							T.	.16			T		.26	.58		2.65
Greenwood ‖‖	do			.50	.53												.40									.12			.07	.82	.44		2.88
Heath Spring	Wateree							1.20			.96													.56	.80			.55		.09	.96		5.12
Kershaw ‖‖	Lynches		.08	.66						.54	.51					.14								.11	.32					.20	1.21		3.17
Landrum	Broad			.54			1.34			1.54					.45	.03	.24						3.10	1.56				.68		.55			9.43
Laurens ‖‖	Saluda		1.26		.72				.30	.37								.92								.60							4.17
Liberty	Savannah			.70	.02		T.		.05	.20					.02		.02							T.	.50	T.			T		.30		1.81
Little Mountain	Saluda			.16					.21	.35														.12	2.38			.02		.50	.42		4.16
Meriwether	Savannah																																
Monetta	Edisto			.26					.10		.31	.36			T.			.05							.02	.02			.13	1.82	.57		3.64
Newberry	Saluda			1.00					.95		.25													.10		.15				1.00	.60		4.05
Pelzer ‖‖	do			.04	1.50	.04				.06	.46					.32		.52							T.	.10					.98		4.02
Saluda	do		1.10					.18		.25	.40	.41													.75					.65	.45		4.19
Santuck	Broad			.11				.29		.07	.50				.01			.07							.02	.58		T.		.64	.28		2.60
Spartanburg ‖‖	do			.63	.62			.40							T.	.34	.03	.20							.12	.92					.93		4.19
Trenton	Edisto			1.42					.60	.94				.20				T.							T.		T.			1.31			4.47
Walhalla	Savannah			2.32	.49				.18	.75				.28	.08		.18	.64							.54					.50	1.00		6.96
Winnsboro	Broad																																
Winthrop College	Catawba			.05					1.00	.11					.05			.23						.75		.25		.13		1.15	.45		4.17

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning: amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.2	101	34	1.12	4				e.
1888	69.6	93	31	9.86	13				ne.*
1889	72.1	98	40	3.34	5				se.
1890	72.9	98	49	7.84	16				ne.
1891	74.3	92	50	2.66					ne.
1892	72.5	93	40	6.41					ne.
1893	74.7	98	46	4.42	7	14	7	9	sw.
1894	75.0	100	52	6.51	12	12	10	8	ne.
1895	76.9	106	35	1.29	4	17	8	5	ne.
1896	75.0	105	39	2.94	5	17	8	5	ne.
1897	73.3	100	42	2.91	4	17	7	6	ne.
1898	76.0	96	48	4.06	7	12	10	8	ne.
1899	72.8	102	34	2.55	6	17	8	5	ne.
1900	77.1	100	45	2.83	5	19	8	3	ne.
1901	73.1	98	46	4.66	6	15	8	7	ne.
1902	72.1	98	43	3.74	8	13	9	8	ne.
1903	72.7	100	41	3.62	5	17	7	6	ne.
1904	75.8	101	44	2.46	4	19	7	4	ne.
1905	76.2	98	49	1.91	4	16	8	6	ne.
1906	78.0	98	55	4.85	9	10	12	8	ne.
1907	76.0	99	45	5.91	9	13	11	6	w.
1908	72.4	94	40	2.86	4	15	9	6	ne.
1909	72.0	98	39	3.74	7	13	9	8	ne.
1910	75.8	103	46	3.10	7	15	12	3	ne.
1911	78.9	100	50	3.33	8	13	13	4	sw.
1912	77.7	109	47	5.91	11	10	7	13	e.
1913	71.7	99	40	4.66	9	14	7	9	ne.
1914	71.3	101	43	3.63	7	14	9	7	ne.
1915	75.9	102	43	2.38	5	16	8	6	ne.
1916	72.2	99	35	2.56	7	17	8	5	ne.
1917	71.2	98	40	5.75	10	12	8	10	ne.
1918	69.8	96	36	3.87	7	18	5	7	ne.
1919	74.1	99	45	0.97	2	22	6	2	ne
1920	75.5	100	46	5.42	7	16	8	6	ne.
Period	74.0	109	31	3.94	7	15	8	7	ne.

*Also e. and s.

Daily Temperatures for September, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	91	90	78	85	82	89	90	90	88	89	90	93	94	93	87	85	86	86	89	85	84	84	90	89	91	90	90	91	85	....	....	[a]88.1
	Minimum	70	71	67	63	69	66	67	70	70	71	67	69	73	74	72	66	67	63	54	59	62	62	66	70	70	66	66	66	67	65	....	66.9
Blackville	Maximum	95	96	78	82	88	91	92	91	92	90	92	92	93	88	90	87	85	92	93	92	86	91	92	90	92	93	91	84	70	68	....	88.5
	Minimum	70	72	68	63	64	65	69	67	68	69	66	69	71	67	65	65	60	55	57	58	58	62	70	69	69	67	67	68	65	63	....	65.5
Bowman	Maximum	95	94	85	80	84	90	88	87	89	90	91	92	93	94	85	88	85	85	84	83	81	80	90	91	92	93	90	90	82	78	....	87.6
	Minimum	68	68	66	61	60	61	62	63	62	64	65	65	66	65	66	67	64	65	64	58	57	55	65	66	64	63	62	62	63	50	....	62.9
Charleston	Maximum	94	87	82	83	80	88	82	86	86	93	88	95	95	91	80	82	83	80	86	81	83	81	87	83	83	85	84	86	82	72	....	84.9
	Minimum	77	77	69	66	68	71	75	73	71	73	74	77	76	73	70	67	70	70	65	68	63	66	70	76	74	74	73	73	70	55	....	70.8
Cheraw	Maximum	92	93	75	85	88	91	93	93	94	91	93	98	95	89	90	93	93	89	88	85	90	87	83	93	94	95	94	92	84	71	....	89.7
	Minimum	70	68	66	65	66	65	65	65	66	67	60	65	65	66	65	60	63	52	51	58	55	57	66	67	66	67	68	70	68	65	....	63.9
Conway	Maximum	94	85	78	81	79	89	89	88	88	91	90	95	94	86	85	86	83	81	88	83	84	78	88	88	90	92	86	89	86	77	....	86.4
	Minimum	76	71	65	64	67	70	69	69	70	70	68	73	71	68	69	58	66	60	60	65	57	64	70	71	69	69	68	69	69	60	..	67.2
Darlington §§	Maximum	....	92	88	67	77	82	87	90	88	90	90	95	93	....	..	....	....	82	88	83	80	84	90	91	94	91	....	....	....	69	....	[b]86.0
	Minimum	70	....	70	66	61	64	66	68	66	69	65	70	69	67	....	....	....	55	53	60	56	66	68	66	67	69	....	65	....	44	....	[c]65.0
Ferguson §§	Maximum	93	91	72	82	85	88	89	87	83	89	90	95	93	88	83	84	80	81	79	82	80	82	83	90	90	89	88	89	85	69	....	85.2
	Minimum	70	70	68	64	62	59	67	68	70	69	65	70	76	70	67	61	65	62	57	54	59	60	68	67	67	65	65	67	66	67	....	65.5
Florence 1	Maximum	94	91	78	79	86	85	88	90	91	88	94	96	94	94	87	85	86	84	83	82	81	80	87	92	97	97	93	94	90	76	....	88.1
	Minimum	73	72	67	63	65	64	67	67	69	69	65	69	70	68	66	60	63	60	54	60	57	58	63	68	68	68	69	71	68	66	....	65.6
Garnett	Maximum	95	100	82	81	85	90	93	91	91	92	94	95	96	94	88	88	90	84	91	89	86	85	92	93	93	94	93	92	83	71	....	89.7
	Minimum	70	68	65	62	65	65	68	69	69	71	67	70	70	72	70	63	64	66	52	56	61	62	63	68	69	68	68	66	66	56	....	65.6
Georgetown	Maximum	95	97	87	83	77	89	86	88	89	90	90	95	94	88	82	85	88	83	90	82	85	80	88	90	90	90	89	89	87	78	....	87.5
	Minimum	75	75	70	63	67	68	70	69	70	70	68	74	74	71	68	65	64	62	63	63	58	64	64	61	68	70	68	68	70	75	....	67.8
Kingstree	Maximum	92	91	78	86	81	89	92	91	82	90	91	95	93	86	84	85	83	80	86	81	81	80	86	87	88	89	85	86	86	78	....	86.1
	Minimum	73	70	69	64	66	67	69	70	70	70	67	72	72	71	69	60	67	61	56	60	58	61	68	71	70	67	70	69	70	67	....	67.1
Oaks	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	75	70	65	64	62	67	67	67	68	70	67	73	72	68	69	57	57	62	57	60	57	73	69	69	69	68	70	67	68	57	....	66.1
Orangeburg 1	Maximum	93	92	76	79	86	89	92	88	89	90	93	94	92	90	86	87	84	82	89	83	82	81	89	90	89	92	88	90	85	79	...	87.4
	Minimum	72	70	66	63	65	65	67	67	68	68	65	70	72	71	66	63	65	59	51	57	58	58	68	68	68	63	68	67	65	59	....	65.1
Paris Island §§	Maximum	95	95	82	82	84	90	91	90	90	93	95	96	96	94	85	84	86	84	88	84	84	83	90	89	89	90	89	90	85	76	....	88.3
	Minimum	75	75	71	66	67	68	69	70	68	47	74	76	77	76	70	69	71	70	64	68	65	66	68	76	74	74	73	72	73	68	....	70.9
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Matthews	Maximum	92	92	75	90	90	89	89	85	89	90	90	92	93	89	88	87	87	85	89	83	80	82	87	89	90	90	90	87	90	80	....	87.6
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	58	60	54	60	60	68	65	63	....	....	....	....	....	....
Society Hill §§	Maximum	....	90	67	78	82	90	....	89	89	89	92	94	95	82	83	85	83	83	88	81	82	82	85	88	91	97	89	92	80	67	....	[d]85.4
	Minimum	74	....	67	61	64	64	65	....	65	67	63	69	66	66	65	60	63	52	53	59	53	57	67	67	66	66	70	70	66	65	....	[e]63.9
Summerville	Maximum	95	97	81	84	82	91	88	92	87	92	92	96	97	92	83	85	86	92	87	82	85	81	91	93	91	92	91	91	85	71	....	88.4
	Minimum	73	71	68	64	66	66	69	70	70	73	67	73	71	71	67	61	64	66	58	61	59	62	68	70	70	69	70	67	68	56	....	66.8
Walterboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Yemassee	Maximum	94	95	89	81	87	90	87	89	90	92	93	94	95	93	86	86	88	84	90	85	86	85	91	92	91	92	89	90	82	71	....	88.6
	Minimum	72	67	67	63	65	65	68	69	67	71	68	71	72	72	70	61	62	65	52	57	58	58	63	69	69	68	67	65	65	66	....	65.7
Western Portion.																																	
Aiken	Maximum	93	91	89	76	80	88	88	90	87	89	91	91	92	91	85	86	84	83	88	86	83	82	87	89	88	91	91	90	78	68	....	86.6
	Minimum	70	71	69	64	66	65	68	68	66	68	68	72	70	73	68	67	68	60	58	65	62	60	66	70	70	69	68	66	67	57	....	66.6
Anderson	Maximum	82	80	76	73	76	....	84	78	82	85	84	89	86	82	83	89	79	78	85	78	80	76	85	79	86	89	91	89	78	70	....	[a]81.8
	Minimum	68	71	68	60	64	....	64	74	70	66	65	71	68	72	65	68	65	60	71	....	....	....	69	68	71	68	71	71	53	....	....	[c]67.2
Batesburg	Maximum	92	86	76	75	84	87	87	88	87	88	90	93	90	89	84	84	84	81	88	83	81	82	86	88	88	90	90	90	75	67	....	85.1
	Minimum	70	69	65	62	62	64	67	67	68	68	66	67	70	72	66	64	68	56	58	61	59	56	67	69	71	69	67	65	66	51	....	65.0
Calhoun Falls §§§	Maximum	94	90	71	73	84	85	89	88	90	85	92	93	90	90	85	90	84	82	89	86	84	82	88	90	90	91	93	92	75	66	....	86.0
	Minimum	64	67	67	59	60	61	62	63	65	61	61	66	70	66	63	64	65	58	55	56	61	58	60	64	66	63	63	64	65	56	....	62.4
Camden §§§	Maximur	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clemson College	Maximum	87	85	81	68	75	80	81	79	81	84	86	89	85	85	80	86	80	77	82	80	80	78	83	82	83	85	85	85	82	70	....	81.6
	Minimum	67	67	64	61	63	63	63	63	64	67	65	69	68	69	62	65	64	68	57	60	61	62	65	68	69	64	65	65	64	58	....	64.3
Columbia	Maximum	92	88	74	78	82	88	87	86	88	90	91	93	90	85	83	87	84	79	87	82	81	80	85	89	89	91	88	89	79	66	....	85.0
	Minimum	73	73	64	64	66	66	70	68	69	70	69	73	73	73	68	68	68	60	59	63	62	62	68	72	69	69	70	68	65	50	....	67.1
Greenville	Maximum	87	81	71	67	77	81	82	78	82	85	88	89	86	83	80	86	80	80	88	79	80	78	84	80	85	88	88	87	75	62	....	81.2
	Minimum	71	69	61	60	63	63	65	65	63	66	65	70	67	69	63	68	66	60	61	64	62	60	67	66	67	65	67	67	63	48	....	64.4
Greenwood	Maximum	88	85	89	71	80	84	82	83	84	84	88	89	87	85	80	85	80	80	84	80	79	78	84	83	83	84	88	86	80	72	....	82.8
	Minimum	69	69	64	62	63	69	66	65	68	67	67	72	68	70	66	68	67	56	60	61	60	59	68	70	66	66	68	67	68	55	....	65.5
Heath Spring	Maximum	90	90	88	85	87	86	85	86	84	83	90	92	89	89	87	85	83	80	90	86	84	82	82	80	86	89	90	90	88	87	80	....	86.4
	Minimum	71	69	66	68	65	67	68	67	63	63	63	64	62	68	63	62	66	53	59	60	57	57	64	68	66	68	67	65	67	62	....	64.3
Kershaw	Maximum	91	88	80	80	84	87	89	90	86	88	88	91	90	85	84	85	85	82	90	84	83	83	82	89	88	92	87	91	77	77	....	85.9
	Minimum	70	68	64	62	63	63	67	64	68	67	62	70	69	67	65	63	66	53	55	59	55	57	65	69	66	67	67	66	66	65	....	64.3
Landrum	Maximum	90	82	72	70	79	82	86	80	83	89	87	91	87	82	84	87	82	83	88	79	81	79	80	83	85	91	92	90	76	71	....	83.0
	Minimum	72	64	62	61	63	59	61	61	62	63	61	67	69	66	60	65	59	53	68	59	63	59	65	64	66	62	66	62	61	50	..	62.4
Laurens §§§	Maximum	88	88	72	70	79	83	89	82	86	....	88	90	87	84	80	85	80	78	84	78	76	77	84	84	84	85	88	87	73	66	...	[b]81.9
	Minimum	65	68	66	62	65	62	63	63	66	63	..	62	65	67	65	65	65	56	53	57	59	60	61	65	66	62	64	63	66	58	..	[c]62.5
Liberty	Maximum	90	83	77	67	78	82	89	81	85	87	90	91	88	83	83	88	87	86	87	83	84	84	88	83	87	88	90	89	79	74	....	84.3
	Minimum	66	70	63	60	64	61	62	62	64	67	64	71	66	69	63	67	64	58	57	67	62	63	67	68	69	63	65	66	65	54	....	64.2
Little Mountain	Maximum	85	80	75	69	85	84	87	88	84	86	89	91	90	88	85	85	82	79	83	85	80	85	85	86	83	86	85	85	86	77	....	83.9
	Minimum	70	70	65	60	65	65	69	67	67	69	68	73	72	70	66	66	69	56	58	60	59	68	67	68	66	68	68	68	67	55	...	66.0
Meriwether	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monetta	Maximum	93	90	84	75	85	88	88	88	89	88	92	92	91	89	86	88	84	82	89	85	83	81	86	92	87	93	91	91	75	67	....	86.4
	Minimum	70	70	66	62	69	65	67	66	67	67	65	71	70	71	67	65	68	68	57	60	60	59	67	70	71	66	67	65	67	58	....	66 0
Newberry	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	68	65	63	60	65	60	63	68	67	65	68	70	68	67	65	65	68	65	68	....	....	67	68	69	...	....	....	....	....	....	....	....
Saluda	Maximum	93	94	90	76	86	88	88	87	87	90	93	94	92	91	92	87	85	83	84	90	84	84	87	80	90	85	73	75	70	68	....	85.5
	Minimum	68	69	64	63	60	61	65	65	65	67	64	70	67	68	69	65	69	61	60	65	58	64	67	64	65	63	63	64	68	57	....	64.6
Santuck	Maximum	93	86	77	75	83	88	90	87	87	87	90	92	92	87	85	88	82	83	86	80	....	80	83	90	86	89	89	88	78	72	....	[a]85.2
	Minimum	68	70	61	61	63	60	63	64	67	67	61	67	65	59	66	65	63	53	53	56	....	57	67	70	66	64	66	65	67	54	....	[a]63.0
Spartanburg	Maximum	88	83	76	71	78	85	84	81	85	88	90	92	88	84	82	87	82	80	88	80	81	79	77	81	86	90	89	90	84	71	....	83.3
	Minimum	66	67	64	61	64	66	63	63	64	66	62	67	65	68	62	65	63	58	58	61	60	59	65	65	66	66	66	63	64	55	....	63.4
Trenton	Maximum	94	92	74	75	83	86	87	90	85	89	93	90	90	89	87	85	89	83	89	87	82	82	84	90	87	93	93	91	76	64	....	85.9
	Minimum	68	66	66	63	73	66	67	68	60	68	68	70	70	67	67	67	69	58	61	63	61	59	70	73	67	66	67	69	58	57	....	65.7
Walhalla	Maximum	91	81	75	64	79	82	86	77	83	87	91	91	88	88	84	88	82	82	90	83	82	79	86	82	86	90	91	90	79	69	....	83.6
	Minimum	65	64	62	59	63	59	60	62	64	64	64	68	62	69	61	64	62	55	54	56	61	60	63	68	69	62	64	62	61	50	....	61.9
Winnsboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Winthrop College	Maximum	88	90	80	74	80	87	84	86	85	88	89	92	90	83	85	87	89	83	88	80	84	82	75	84	90	92	92	90	78	73	....	84.9
	Minimum	67	69	64	61	62	63	65	65	68	62	64	70	67	67	65	65	68	58	60	60	57	57	63	65	63	67	63	65	66	54	....	63.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Total Precipitation, Inches, September, 1920.

NO RAIN

Scale of Shades.

0 to 1 inch.

1 to 2 inches.

2 to 4 inches.

4 to 6 inches.

Over 6 inches.

Statute Miles

Kilometers

UNIVERSITY OF ILLINOIS
URBANA

1.05
NSC

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

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CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

OCTOBER, 1920

BY
RICHARD H. SULLIVAN
METEOROLOGIST

WEATHER BUREAU OFFICE
COLUMBIA, S. C.
November 23, 1920

Departure of the Mean Temperature from the Normal. October, 1920.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., OCTOBER, 1920 No. 10.

GENERAL SUMMARY.

The month of October was warmer than usual. The prolonged warm period from the 11th to the 28th, when the daily mean temperatures ranged 5° to 14° above normal, materially offset the cool periods of the first nine and last three days of the month, when the daily means ranged 5° to 17° below normal. Precipitation was much below the average, but two previous Octobers during the last 34 years having lower average amounts.

Outdoor work was resumed after the rains of the latter part of September and continued throughout the month with but little interruption. As the month progressed, however, the soil conditions for plowing became unfavorable, and sowing of oats and rye was delayed incident to dry weather. Cotton reached practical maturity by the close of the month, and the weevil toll for the season had about been taken; picking was hampered to some extent by labor shortage, but the results have exceeded expectations in many parts of the State. Corn and peanut harvests were carried on during the month, with satisfactory yields. A good sweet potato crop was in sight at the end of the month. There was little or no frost damage. All late truck, gardens, and pastures were in need of rain at the close of the month. Cane and sorghum sirup of fine quality and yield was being made. Fall apples of good quality were on market.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.16 inches. The highest pressure in the region covered by reports was 30.57 inches at Asheville, N. C., on the 30th, and in the Section proper, 30.49 inches at Columbia on the same date; the lowest pressure was 29.66 inches at Wilmington, N. C., on the 1st, and in the Section proper, 29.74 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 37 stations, was 64.1°, or 0.5° above the established normal. The highest temperature was 92° at Oaks, Georgetown County, on the 13th, and at Cheraw, Chesterfield County, and Georgetown, Georgetown County, on the 23d. There was an extended warm period from the 11th to 28th. The lowest temperature was 25° at Walhalla, Oconee County, on the 30th. The cool periods were during the first 9 and the last 3 days. Light frosts occurred in the extreme northwestern counties at intervals from the 2d to the 8th, and heavy to killing frosts were quite general over the State on the 29th, 30th, and 31st.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 47%; 8 p. m., 66%. The greatest percentages occurred over the southwestern counties, and the lowest, over the northern interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 0.76 inch, or 2.29 inches below the established normal. The light precipitation was confined principally to three short periods and, in amount, ranged downward from over 2 inches in the interior to less than one-tenth inch in Charleston County. The greatest local monthly amount was 2.44 inches at Kingstree, Williamsburg County, and the least local monthly amount was 0.06 inch at Charleston. The greatest 24-hour amount at any station was 1.70 inches at Chappells, Newberry County, on the 27th. The average number of rainy days was 57% below normal and was the least of record.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 8 anemometer records, was 6.1 miles. The highest average velocity in the region covered by reports was 9.3 miles per hour at Savannah, Ga., and in the Section proper, 9.1 miles per hour at Charleston; the lowest average velocity was 3.6 miles per hour at Charlotte, N. C., and in the Section proper, 5.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 30 miles per hour from the southwest at Savannah, Ga., on the 27th, and in the Section proper, 29 miles per hour from the southwest at Charleston on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 283.5 hours, or 81% of the possible amount. The average number of clear days was 24; partly cloudy, 4, and cloudy, 3, as against normals of 17, 7, and 7 days, respectively.

RIVER CONDITIONS.

Run-off from late September rains was attended by moderate flood stages in the Santee River at Rimini until the 5th, and at Ferguson, until the 9th. Otherwise, the rivers of the Section were comparatively low.

MISCELLANEOUS PHENOMENA (dates).

Fog. Dense.—Charleston, 12, 20; Edisto, 19, 20, 25; Garnett, 12, 13, 15; Georgetown, 12, 19, 20, 21, 22; Kingstree, 12, 13, 20, 21; Paris Island, 12; Rimini, 20; Yemassee, 12, 21.

Frosts, killing, number of stations reporting.—29th, 2; 30th, 17; 31st, 1.

Halos—Lunar: Columbia, 24, 26; Liberty, 26, 31; Santuck, 25, 31; Walhalla, 19. *Solar:* Charleston, 31; Columbia, 3, 5, 18, 31; Greenville, 18, 21, 31.

Thunderstorms.—Columbia, 6; Garnett, 6, 27; Monetta, 6; Santuck, 27.

ERRATA.

SEPTEMBER, 1920.—Florence No. 2: Number of clear days, page 68, should be 20. Georgetown: Total rainfall, pages 68 and 69, should be 7.40. Kershaw: Mean temperature, page 68, should be 75.1.

MISCELLANEOUS DATA FOR OCTOBER, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.22	56.4	80	27	0.47	0.46	5.8	nw.	87	44	63	75
Augusta, Ga.....	30.16	64.6	87	38	1.01	0.91	4.0	nw.	85	47	72	81
Charleston, S. C...	30.14	67.5	84	45	0.06	0.04	9.1	n.	78	50	71	85
Charlotte, N. C ...	30.17	62.7	84	32	0.10	0.10	3.6	ne.	77	43	56	86
Columbia, S. C....	30.18	64.8	86	36	0.58	0.42	5.1	n.	89	47	72	85
Greenville, S. C...	30.16	63.0	84	36	0.53	0.53	6.3	ne.	73	48	57	84
Savannah, Ga.....	30.14	67.0	86	43	0.43	0.36	9.3	ne.	82	51	68	74
Wilmington, N. C.	30.15	65.0	85	36	0.48	0.48	5.5	n.	83	47	73	80
Means and extremes.....	30.16	63.9	87	27	0.46	0.91	6.1	n ne.	82	47	66	81

Climatological Data for October, 1920.

Stations.	County.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	With precipit on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	39	[a]64.1	−0.7	[a]86	†10	[a]33	30	[a]39	1.40	−1.38	0.90	0	2	....	....	....	....	R. B. Vance.
Blackville	Barnwell	296	37	64.0	−0.4	88	†16	33	31	42	0.50	−2.48	0.25	0	2	17	12	2	.....	Mrs. D. B. Sanders.
Bowman††	Orangeburg	160	20	63.4	−0.8	90	18	31	29	44	0.88	−1.87	0.48	0	2	21	10	0	w.	B. O. Evans.
Charleston	Charleston	48	49	67.5	+0.4	84	15	45	30	28	0.06	−3.87	0.04	0	3	18	11	2	n.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	64.6	+3.0	92	23	29	30	46	0.58	−2.27	0.58	0	1	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	32	65.3	+1.1	88	13	33	30	37	1.33	−2.17	1.00	0	3	23	0	8	se.	Paul Quattlebaum.
Darlington††	Darlington	175	25	[c]64.3	+0.9	[c]90	13	[d]30	30	[c]40	0.80	−2.54	0.45	0	3	26	2	3	.....	D. C. McCall.
Edisto	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	1.43	−0.94	0.89	0	4	....	....	....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	0.64	−2.41	0.50	0	3	....	....	....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	63.1	−0.2	89	17	30	30	42	0.84	−2.15	0.32	0	3	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	39	66.0	+2.4	91	12	33	30	40	0.82	−1.30	0.54	0	4	28	1	2	ne.	H. K. Gilbert.
Florence 2	....do	136	5	.....	.....	.....	.....	.....	.....	.....	0.17	−1.95	0.15	0	2	20	11	0	.....	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	64.7	.....	85	†10	31	†30	49	0.73	.....	0.41	0	4	17	10	4	n.	Maner B. Robert.
Georgetown	Georgetown	12	28	65.9	+0.5	92	23	32	30	40	0.20	−3.48	0.20	0	1	27	4	0	w.	A. P. Hazard.
Kingstree	Williamsburg	54	39	63.2	−0.9	86	17	33	30	35	2.44	−0.40	0.80	0	4	26	3	2	n.	W. H. Matthews.
Oaks	Georgetown	.....	5	.....	.....	92	13	.....	.....	[g]42	0.40	.....	0.30	0	2	29	1	1	nw.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	63.5	.....	87	26	30	30	40	1.16	.....	0.68	0	3	26	1	4	e.	U. S. Fisheries Station.
Orangeburg 2	....do	264	.....	.....	.....	.....	.....	.....	.....	.....	0.41	.....	0.40	0	2	28	2	1	se.	State A. and M. College.
Paris Island	Beaufort	13	36	69.1	+1.7	88	†12	42	29	32	0.31	−3.01	0.20	0	2	19	6	6	ne.	U. S. Marine Corps.
Pinopolis**	Berkeley	54	72	63.0	−1.2	80	† 5	38	30	.....	0.22	−2.91	0.12	0	2	23	8	0	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	0.88	.....	0.46	0	3	.....	.	..	.....	William B. Wolfe.
St. George	Dorchester	109	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Davis.
St. Matthews	Calhoun	62	39	64.8	+0.9	87	†19	30	30	41	0.81	−1.88	0.47	0	3	20	11	0	s.	Miss Frances M. Antley.
Society Hill	Darlington	192	30	[c]63.8	+2.0	[c]87	14	31	†30	[c]39	0.81	−2.32	0.28	0	3	26	2	3	ne.	A. H. Rogers.
Summerville	Dorchester	75	23	65.8	−0.9	89	17	33	31	36	0.15	−3.79	0.13	0	2	22	8	1	w.	E. P. Lawton.
Walterboro	Colleton	69	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	.....	J. N. Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	0.31	.....	0.31	0	1	....	....	....	.....	Combahee Company.
Yemassee	Hampton	24	32	64.5	−0.6	88	16	32	†30	45	1.59	−1.34	0.91	0	4	23	1	7	ne.	W. C. Hutson.
Division means and extremes		.....	.....	65.0	+0.8	92	†13	29	30	49	0.76	−2.58	1.00	0	3	23	5	3	ne.	
Western Portion.																				
Aiken	Aiken	527	59	65.4	+2.1	87	†11	37	29	40	1.10	−1.56	0.61	0	3	28	0	3	nw.	Frank B. McCoy.
Anderson	Anderson	764	25	.....	.....	.....	.....	87	10	[c]34	†30	[b]43	0.19	−2.67	0.19	0	1	24	2	5	e.	H. H. Russell.
Batesburg	Lexington	656	37	64.6	+1.5	87	12	37	30	42	0.72	−2.53	0.49	0	2	26	4	1	nw.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	0.49	−2.21	0.28	0	3	....	.	..	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	61.6	.....	88	†11	31	30	45	0.32	−2.53	0.32	0	2	13	18	0	ne.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	0.65	−2.03	0.30	0	3	....	....	....	.....	Henry A. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	1.27	−2.36	0.70	0	3	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	1.70	−1.11	1.70	0	1	....	....	....	.....	J. J. Murran.
Clemson College	Oconee	850	29	66.4	−0.9	80	17	29	30	39	0.28	−3.06	0.28	0	1	18	8	5	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	64.8	+0.8	86	13	36	30	33	0.58	−2.27	0.42	0	2	21	6	4	n.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	1.33	.....	0.90	0	3	..	...	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	0.30	−2.49	0.29	0	2	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	63.0	+3.1	84	10	36	29	33	0.53	−2.43	0.53	0	2	20	7	4	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	63.2	+1.2	83	12	36	30	36	0.65	−2.17	0.65	0	1	27	0	4	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	64.6	+3.1	86	†12	32	30	41	1.55	−1.08	1.35	0	2	25	3	3	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	63.8	.....	87	†11	32	30	40	1.52	.....	0.99	0	3	27	2	2	e.	John W. Hamel.
Landrum	Spartanburg	1063	5	62.8	.....	87	†10	31	29	48	0.31	.....	0.31	0	1	24	2	5	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	60.0	.....	85	12	28	30	45	1.19	.....	1.19	0	1	..	....	....	.....	Perry A. Simpson.
Liberty	Pickens	900	21	62.4	+1.0	85	†11	30	30	38	1.63	−2.13	1.60	0	3	25	2	4	e.	John T. Boggs.
Little Mountain	Newberry	711	28	63.8	−6.3	82	†13	35	30	33	0.80	−2.21	0.80	0	1	29	1	1	sw.	J. M. Sease, M. D.
Meriwether	McCormick	450	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	13	65.1	+1.0	88	†11	36	30	41	0.62	−2.72	0.39	0	3	19	11	1	ne.	Joseph M. Johnson.
Newberry	Newberry	502	17	.....	.....	86	11	37	30	.....	0.70	−2.05	0.60	0	2	27	2	2	sw.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	0.76	−2.55	0.76	0	2	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	.....	.....	.....	.....	26	31	.....	0.66	−2.38	0.38	0	2	29	1	1	nw.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	60.6	−0.9	84	11	27	30	46	0.57	−2.68	0.57	0	1	24	5	2	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	62.3	+1.5	85	†12	29	30	40	0.14	−2.53	0.14	0	2	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	28	[c]65.4	+1.1	[c]90	11	[c]35	30	[c]37	0.75	−2.55	0.70	0	2	26	3	2	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	62.2	+2.3	87	† 5	25	30	47	0.80	−2.16	0.59	0	2	24	3	4	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Rev. Oliver Johnson
Winthrop College ††	York	690	21	64.3	+2.4	87	†12	32	31	39	0.21	−2.70	0.16	0	2	25	4	2	n.	W. P. Goodman.
Division means and extremes		.....	.....	63.2	+0.9	90	11	25	30	48	0.77	−2.21	1.70	0	2	24	4	3	ne.	
Section means and extremes		.....	.....	64.1	+0.5	92	†13	25	30	49	0.76	−2.29	1.70	0	2	24	4	3	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for October, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah							.50																					.90				1.40
Blackville ‖‖	Edisto	.25						.25																									0.50
Bowman	do						.40																					.48				0.88
Charleston ***	Coast						.01															T.					.04	T.	.61				0.66
Cheraw ‖‖	Pee Dee																												.58				0.58
Conway ‖‖	Waccamaw	1.00					.04																						.29				1.33
Darlington ‖‖	Pee Dee	.45					.20																						.15				0.80
Edisto ‖‖	Edisto	.36						.89																			.08		.10				1.43
Effingham ‖‖	Lynches	.50					.08																						.06				0.64
Ferguson ‖‖	Santee	.32					.31																						.21				0.84
Florence 1 ‖‖	Pee Dee	.54					.07																					.12	.09				0.82
Florence 2 ‖‖	do	T.	.15																									.02					0.17
Garnett	Savannah						.01													T.	T.	T				.01	.30	.41					0.73
Georgetown	Coast																											.20					0.20
Kingstree ‖‖	Black	.75					.80			.49																			.40				2.44
Oaks	do						.10																					.30					0.40
Orangeburg 1	Edisto	.42						.68																					.06				1.16
Orangeburg 2	do						.40																					.01					0.41
Paris Island	Coast	.30																										.01					0.31
Pinopolis	Cooper						.10																							.12			0.22
Rimini ‖‖	Santee	.46						.30																					.12				0.88
St. George ‖‖	Edisto																																
St. Matthews ‖‖	Santee	.33						.47																					.01				0.81
Society Hill ‖‖	do	.41					.12																						.28				0.81
Summerville	Ashley						.13																					.02					0.15
Walterboro	Ashepoo																																
Whitehall (near)	Combahee																											.31					0.31
Yemassee ‖‖	Ashepoo	.91						.07														.06					T.		.55				1.59
Western Portion.																																	
Aiken	Edisto						.37																					.12	.61				1.10
Anderson	Savannah																									T.		.19					0.19
Batesburg ‖‖	Edisto							.23																					.49				0.72
Blairs ‖‖	Broad	.16					.05																						.28				0.49
Calhoun Falls ‖‖	Savannah																											.20	.12				0.32
Camden ‖‖	Wateree	.29					.06																						.30				0.65
Catawba ‖‖	Catawba	.45					.12																						.70				1.27
Chappells ‖‖	Saluda																												1.70				1.70
Clemson College	Savannah																									T.		.28					0.28
Columbia ***	Congaree					T.	.16																					.42					0.58
Edgefield ‖‖	Savannah	.18																										.25	.90				1.33
Gaston Shoals ‖‖	Broad																											.29	.01				0.30
Greenville ***	Saluda																									T.	.03	.50					0.53
Greenwood ‖‖	do																												.65				0.65
Heath Spring	Wateree				.20																							1.35					1.55
Kershaw ‖‖	Lynches	.30					.23																						.99				1.52
Laudrum	Broad																											.31					0.31
Laurens ‖‖	Saluda																											1.19					1.19
Liberty	Savannah																									.01	.02	1.60					1.63
Little Mountain	Saluda																											.80					0.80
Meriwether	Savannah																																
Monetta	Edisto						.14																					.09	.39				0.62
Newberry	Saluda																											.60	.10				0.70
Pelzer ‖‖	do																										T.	.04	.72				0.76
Saluda	do																											.38	.28				0.66
Santuck	Broad																											.57					0.57
Spartanburg ‖‖	do																											.03	.11				0.14
Trenton	Edisto						T.																				T.	.05	.70				0.75
Walhalla	Savannah																									T.	.21	.59					0.80
Winnsboro	Broad																																
Winthrop College	Catawba						.05																					.16					0.21

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	61.4	91	30	5.96	8				n.
1888	59.3	88	31	4.18	7				sw.
1889	60.8	88	27	1.65	3				n.
1890	63.0	90	22	4.06					
1891	60.2	92	28	1.63					nw.
1892	63.8	89	27	0.60					ne.
1893	64.4	90	25	4.92	5	18	7	6	ne.
1894	64.2	98	33	4.95	5	20	6	5	ne.
1895	61.3	95	28	1.15	3	20	7	4	ne.
1896	61.3	91	28	1.41	4	15	8	8	ne.
1897	65.8	96	35	3.23	5	14	8	9	ne.
1898	62.9	90	28	3.82	9	14	8	9	ne.
1899	64.2	91	34	5.00	6	14	7	10	ne.
1900	67.6	95	33	3.65	9	13	7	11	ne.
1901	62.4	92	29	0.89	3	22	6	3	ne.
1902	63.2	95	30	4.40	7	19	5	7	ne.
1903	62.0	93	25	2.63	5	18	6	7	n.
1904	62.4	98	26	1.10	3	23	5	3	ne.
1905	64.2	93	29	1.97	6	15	6	10	ne.
1906	61.9	90	24	3.69	7	14	6	11	ne.
1907	61.2	91	28	0.73	3	19	7	5	ne.
1908	62.0	89	35	4.22	6	19	6	6	ne.
1909	61.2	96	27	2.43	5	23	5	3	ne.
1910	66.5	100	22	4.39	6	20	7	4	ne.
1911	67.5	99	37	5.89	8	12	9	10	ne.
1912	65.0	94	32	2.21	5	18	4	9	ne.
1913	62.5	95	28	3.56	6	19	6	6	ne.
1914	64.7	92	26	3.44	8	13	7	11	ne.
1915	67.6	93	27	4.95	8	18	7	6	ne.
1916	64.6	92	31	2.54	5	16	7	8	ne.
1917	59.3	90	22	1.50	4	23	5	3	sw.
1918	67.3	93	33	3.75	5	15	8	8	ne.
1919	73.7	101	44	2.53	5	13	10	8	sw.
1920	64.1	92	25	0.76	2	24	4	3	ne.
Period	63.6	101	22	3.05	2	17	7	7	ne.

Daily Temperatures for October, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	66	72	74	79	83	69	65	70	83	86	86	85	86	84	85	86	86	82	81	81	83	84	84	73	74	....	78	66	63	63	64	*77.4
	Minimum	45	44	45	55	50	59	47	48	44	51	52	53	54	54	50	50	53	57	54	57	60	55	54	60	60	54	....	54	38	33	35	*50.8
Blackville	Maximum	71	76	80	81	64	60	66	71	70	80	85	87	86	86	86	88	88	83	80	83	84	80	87	77	79	84	78	76	69	62	63	77.7
	Minimum	43	42	43	49	51	48	44	43	43	43	53	52	53	52	49	52	52	56	54	56	57	53	53	53	57	59	66	60	54	35	33	50.4
Bowman	Maximum	75	76	76	76	82	70	64	75	78	83	85	86	87	87	88	89	89	90	82	83	84	83	83	82	83	78	75	69	70	71	72	79.6
	Minimum	40	40	44	46	47	55	42	40	39	43	45	46	47	47	48	50	55	57	53	52	54	54	53	52	53	54	53	52	31	35	38	47.3
Charleston	Maximum	67	69	74	74	82	73	64	70	76	84	82	79	82	82	84	82	83	78	80	78	78	80	82	75	78	78	80	75	83	60	66	76.1
	Minimum	48	51	57	59	58	59	51	53	51	58	60	62	61	63	62	63	61	66	62	66	67	64	62	65	66	70	72	52	46	45	46	58.9
Cheraw	Maximum	71	74	78	82	85	77	72	72	83	88	89	88	89	89	89	89	90	80	84	86	88	89	92	83	83	85	82	78	62	65	71	81.7
	Minimum	43	40	40	43	49	54	40	43	42	48	48	49	50	50	48	48	51	52	52	54	52	51	52	51	50	51	63	60	35	29	32	47.4
Conway	Maximum	68	71	75	75	84	69	69	73	80	82	85	86	88	86	86	86	85	78	81	85	83	85	87	80	81	83	79	74	65	62	69	78.7
	Minimum	48	45	45	48	50	55	43	52	47	50	50	55	55	52	51	51	51	59	59	60	61	58	53	56	60	58	67	65	37	33	34	51.9
Darlington §§	Maximum	70	72	76	86	83	66	67	72	79	85	87	88	90	87	88	88	86	....	....	....	....	87	89	79	85	85	84	75	64	64	...	79.8
	Minimum	46	43	44	47	50	51	42	45	45	51	50	50	53	51	49	50	51	55	....	....	....	....	53	49	54	60	65	60	36	30	34	48.8
Ferguson §§	Maximum	70	74	75	76	82	58	70	76	78	82	83	83	85	84	81	85	89	81	81	80	83	83	83	84	83	82	82	70	62	67	67	78.0
	Minimum	45	44	43	45	48	55	45	42	42	46	47	49	54	51	49	47	47	47	54	56	53	51	49	53	54	56	62	59	39	30	32	48.2
Florence 1	Maximum	67	71	76	80	84	66	67	76	85	83	90	91	86	87	86	85	89	84	85	86	87	86	87	85	87	84	86	72	65	66	70	80.7
	Minimum	45	44	45	49	52	53	43	45	47	53	52	54	55	54	52	53	55	57	56	58	60	55	55	54	54	60	63	64	37	33	35	51.4
Garnett	Maximum	70	73	78	78	85	73	68	73	81	89	88	88	88	88	89	88	88	85	83	82	83	86	87	79	78	85	81	69	66	65	65	80.0
	Minimum	43	41	43	50	50	55	47	41	40	46	48	50	51	50	48	47	48	51	57	57	60	53	50	57	67	60	66	56	34	31	31	49.4
Georgetown	Maximum	70	73	76	71	85	70	65	74	79	85	84	85	84	87	86	85	87	83	80	82	82	84	92	80	83	84	79	75	70	64	71	79.2
	Minimum	47	46	46	53	60	60	45	47	46	50	45	50	52	61	61	55	51	59	57	62	63	58	53	56	60	60	68	67	37	32	34	52.6
Kingstree	Maximum	65	66	70	72	79	71	62	69	76	78	80	84	82	85	85	85	86	76	79	81	79	79	82	76	79	81	81	73	59	58	65	75.6
	Minimum	46	45	45	45	50	57	45	47	45	49	50	52	56	54	53	51	51	59	56	51	61	54	53	57	57	61	67	54	37	33	34	50.8
Oaks	Maximum	75	75	76	78	90	81	75	72	83	84	86	90	92	90	90	88	90	81	85	89	89	89	90	85	89	89	84	82	71	74	71	83.3
	Minimum	48	....	45	48	49	49	45	46	46	50	50	51	56	50	55	51	51	58	58	60	61	55	....	57	....	59	61	....	....	....	....	§52.6
Orangeburg 1	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Paris Island §§	Maximum	71	73	74	75	83	79	76	74	77	86	85	88	87	87	88	87	87	80	85	79	81	83	86	78	83	85	81	74	67	64	68	79.7
	Minimum	48	49	56	59	57	62	54	48	53	59	59	61	61	61	61	61	61	63	63	65	67	65	62	66	65	67	70	60	42	44	45	58.5
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
St. Matthews	Maximum	65	69	75	80	84	75	68	70	86	83	86	85	85	85	83	83	85	85	87	87	87	85	83	77	85	87	84	70	70	65	73	79.7
	Minimum	42	45	48	50	50	51	43	45	45	48	49	49	55	55	53	52	50	55	55	55	62	53	52	56	54	62	63	55	35	30	32	50.0
Society Hill §§	Maximum	69	69	75	....	....	67	....	....	....	....	84	86	84	87	86	84	83	77	80	83	79	....	....	....	....	....	81	....	....	....	....	°79.6
	Minimum	43	39	40	43	50	53	41	44	43	51	50	49	50	49	48	47	51	54	53	55	54	51	51	52	52	59	65	60	33	31	31	48.1
Summerville	Maximum	68	71	76	75	85	70	65	72	79	86	84	87	87	87	88	88	89	83	84	83	84	85	88	79	84	84	82	73	66	64	71	79.6
	Minimum	45	44	49	56	50	48	46	47	44	50	53	55	57	54	52	53	53	59	58	62	64	57	54	59	61	60	63	54	35	34	33	51.9
Walterboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Yemassee	Maximum	69	73	77	78	84	74	67	73	81	87	87	86	86	86	86	88	87	84	83	81	84	84	86	77	78	84	81	69	66	65	65	79.2
	Minimum	43	41	44	49	59	56	46	44	42	47	50	52	53	51	48	44	49	52	55	59	61	54	52	60	60	59	67	57	36	32	32	49.8
Western Portion.																																	
Aiken	Maximum	65	69	73	75	82	80	63	68	78	84	87	85	85	84	84	84	87	83	78	81	82	83	84	82	77	83	79	70	60	60	60	77.3
	Minimum	44	43	48	52	54	56	46	47	44	55	57	57	60	59	58	58	56	59	56	61	61	59	58	57	59	63	65	52	37	38	41	53.5
Anderson	Maximum	68	67	75	75	84	73	67	71	78	87	86	86	86	81	83	85	82	73	76	81	78	83	86	72	76	79	72	60	63	65	64	76.5
	Minimum	48	44	....	48	....	....	51	43	44	61	53	....	....	....	....	....	53	....	....	....	....	....	....	61	63	65	65	47	36	34	34	.....
Batesburg	Maximum	57	69	72	75	82	68	64	69	79	83	86	87	86	85	84	84	85	86	80	83	81	84	85	84	78	82	73	66	58	60	62	76.7
	Minimum	43	42	44	44	55	53	46	45	41	55	60	57	56	59	57	57	59	60	53	58	57	56	58	57	58	58	67	52	39	37	42	52.4
Calhoun Falls §§§	Maximum	64	69	75	78	86	73	67	72	81	86	88	88	87	85	84	86	88	81	80	84	84	88	78	72	82	71	62	59	63	62	62	77.6
	Minimum	42	37	37	39	45	48	46	38	38	41	47	47	48	49	49	49	48	50	53	52	52	50	49	52	50	52	59	47	34	31	33	45.5
Camden §§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	61	63	68	74	78	69	67	68	76	78	79	79	78	77	76	78	80	75	74	78	77	77	79	74	72	76	73	73	57	58	61	72.7
	Minimum	44	37	39	44	49	55	47	42	41	47	40	48	47	49	49	47	55	59	55	53	50	51	50	59	53	61	66	49	34	29	40	48.0
Columbia	Maximum	66	69	73	75	82	67	62	69	78	83	85	86	86	86	84	85	84	78	78	81	81	84	85	76	79	82	77	66	58	62	65	76.5
	Minimum	45	43	46	49	56	55	49	49	45	53	55	56	56	56	57	55	57	61	57	60	60	57	57	59	58	63	65	46	41	36	40	53.0
Greenville	Maximum	63	58	71	76	81	68	63	71	79	84	84	84	83	82	80	83	81	70	75	80	78	82	82	73	73	77	71	61	55	60	61	74.3
	Minimum	42	39	41	47	57	54	46	42	46	60	59	52	55	54	55	52	60	60	57	54	61	57	57	61	53	62	60	43	36	36	38	51.6
Greenwood	Maximum	62	63	70	71	80	75	62	70	78	82	82	83	81	80	81	80	82	78	75	79	79	80	82	77	75	80	77	70	55	60	60	74.5
	Minimum	48	41	43	50	55	55	45	42	48	54	52	55	55	55	55	55	58	56	54	55	54	56	56	58	55	60	65	50	37	38	47	51.8
Heath Spring	Maximum	65	73	73	82	81	69	68	73	84	83	85	86	85	86	84	84	85	84	82	81	82	82	86	85	85	83	72	72	69	66	67	78.8
	Minimum	44	42	44	57	53	42	43	43	45	46	55	55	55	55	60	58	55	57	52	56	55	57	57	56	53	57	52	54	37	32	34	50.4
Kershaw	Maximum	66	69	73	76	83	70	65	69	80	84	87	86	87	86	85	85	85	78	76	83	82	87	87	77	82	83	75	70	58	63	67	77.5
	Minimum	43	39	41	45	51	54	42	44	41	53	53	53	55	52	54	55	57	56	55	55	55	55	55	55	53	60	62	55	36	32	38	50.2
Landrum	Maximum	62	68	74	80	81	79	80	81	83	87	86	87	85	84	82	86	83	78	78	85	82	85	84	76	74	78	72	68	58	64	67	77.9
	Minimum	47	43	37	43	40	42	44	41	39	59	51	48	51	50	47	46	55	55	55	50	52	53	53	67	49	56	65	48	31	32	33	47.8
Laurens §§§	Maximum	65	65	76	76	81	68	62	69	78	84	82	85	83	80	82	83	82	77	76	79	79	81	81	73	79	79	71	65	56	60	43	74.2
	Minimum	40	36	37	43	45	55	45	46	37	39	46	46	45	45	46	45	46	51	51	54	51	49	47	51	50	57	68	49	33	28	36	45.7
Liberty	Maximum	65	68	73	78	83	72	68	72	80	85	85	83	85	82	82	83	83	78	78	82	80	83	83	75	74	78	75	71	59	62	61	76.3
	Minimum	43	35	38	44	49	55	47	39	41	47	48	47	47	48	49	48	56	61	58	53	52	50	50	60	57	62	66	51	34	30	35	48.4
Little Mountain	Maximum	64	67	70	77	80	69	61	64	75	80	81	80	82	81	80	81	81	77	76	78	78	80	82	79	76	78	75	70	68	59	65	74.6
	Minimum	43	44	45	50	55	54	45	44	55	55	55	59	57	58	59	58	59	59	54	56	55	56	57	55	58	60	60	62	41	35	40	53.0
Meriwether	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Monetta	Maximum	65	71	70	78	84	75	63	69	79	86	88	88	87	86	85	85	86	80	80	82	82	85	86	79	78	85	75	60	58	63	62	77.7
	Minimum	45	41	43	49	55	54	47	46	45	58	57	56	56	58	56	56	58	60	54	59	58	56	57	58	57	57	65	52	37	36	40	52.5
Newberry	Maximum	....	70	71	75	73	....	....	....	....	....	85	83	....	....	....	....	....	....	....	....	....	....	....	....	85	..	83	78	75	71	....	68	70	.....
	Minimum	45	40	41	43	40	47	45	46	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	..	..	50	..	..	..	40	37	40	.....
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	42	37	37	41	46	54	45	44	36	43	44	46	47	47	46	45	48	51	48	51	49	47	47	55	50	51	55	51	33	27	26	44.8
Santuck	Maximum	65	66	69	77	81	69	62	69	82	81	84	82	82	80	82	82	82	78	76	78	82	81	83	74	80	83	73	70	56	60	67	75.4
	Minimum	43	37	38	43	47	53	44	36	45	47	48	47	46	46	45	46	50	51	50	50	50	47	48	60	50	56	54	54	33	27	33	45.9
Spartanburg	Maximum	63	68	73	78	81	71	63	69	80	84	84	85	83	82	82	84	85	78	77	82	70	84	84	74	76	80	73	69	56	62	67	75.7
	Minimum	43	38	38	44	51	50	46	40	44	52	52	51	50	52	50	48	56	58	55	53	53	54	61	53	58	66	49	34	29	34	38	48.9
Trenton	Maximum	62	69	75	75	82	73	69	69	78	83	90	86	88	....	....	....	....	89	81	80	82	85	85	87	86	82	83	82	71	60	60	61	77 6
	Minimum	43	44	52	52	55	55	44	44	46	56	62	58	58	....	....	....	....	58	55	59	57	59	60	60	59	58	58	60	51	39	35	41	53.1
Walhalla	Maximum	65	69	74	78	87	72	68	74	82	87	87	86	86	85	82	86	85	79	78	83	82	85	85	74	73	75	73	63	60	64	63	77 1
	Minimum	40	34	38	42	48	52	44	48	40	44	47	47	47	47	48	48	54	61	55	52	49	51	59	57	55	65	63	44	30	25	30	47.2
Winnsboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Winthrop College	Maximum	70	71	74	77	82	69	68	72	80	83	86	87	86	86	84	87	85	80	78	82	85	85	86	84	81	83	74	70	70	63	68	78.6
	Minimum	40	42	48	47	49	54	46	48	46	53	56	55	53	54	52	55	53	55	53	54	54	56	57	58	53	55	57	46	35	33	32	50.0

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Barkerville
Edmonton
Battleford
Kamloops
The Pas
Prince Albert
Calgary
Medicine Hat
Qu'Appelle
Swift Current
Minnedosa
Winnipeg
Havre
Devils Lake
Grand Forks
Williston
Bismarck
Miles City
Billings
Yellowstone Park
Sheridan
Pierre
Huron
Rapid City
Valentine
Salt Lake City
Denver
Leadville
Pueblo
North Platte
Omaha
Kansas City
Topeka
Wichita
Springfield
Independence
Amarillo
Santa Fe
Phoenix
Yuma
El Paso
Del Rio
San Antonio
Corpus Christi
Brownsville
Abilene
Dallas
Shreveport
Jackson
Vicksburg
Meridian
Montgomery
Macon
Savannah
Charleston
Jacksonville
Tallahassee
Key West
Havana
Cienfuegos
Puerta Principe
Santiago de Cuba
Nassau
Bermuda
White River
Port Arthur
Cochrane
Sault Ste Marie
Stonecliffe
Parry Sound
Sudbury
Toronto
Port Hope
Kingston
Ottawa
Montreal
Quebec
Father Point
Antikosti
Chatham
Halifax
St John
Sydney
Portland
Boston
Block Id
Long Island
Sandy Hook
Atlantic City
Cape May
Cape Henry
Hatteras
Lynchburg
Richmond
Norfolk
Wytheville
Knoxville
Asheville
Charlotte
Columbia
Augusta
Atlanta
Birmingham
Chattanooga
Nashville
Louisville
Cincinnati
Indianapolis
Columbus
Springfield
Toledo
Detroit
Port Huron
Grand Rapids
Milwaukee
Chicago
Duluth
Minneapolis
St Paul
Winnipeg
Statute Miles
Kilometers
Scale of Shades.
0 to 1 inch.
1 to 2 inches.
2 to 4 inches.
4 to 6 inches.
Over 6 inches.

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CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

NOVEMBER, 1920

BY
RICHARD H. SULLIVAN
METEOROLOGIST

WEATHER BUREAU OFFICE
COLUMBIA, S. C.
December 21, 1920

Departure of the Mean Temperature from the Normal, November, 1920.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., NOVEMBER, 1920 No. 11.

GENERAL SUMMARY.

The month was well up in the group of wet Novembers. An extended warm period from the 1st to the 11th, when the mean temperatures ranged 5° to 16° per day above normal, was more than offset by a prolonged cool period of subnormal temperatures of 5° to 17° per day between the 12th and 19th, and consequently thermal conditions were below the seasonal average.

Rather poor plowing conditions until the rains of the 15th to 17th materially retarded fall grain seeding. Meanwhile, cotton picking and the corn and sweet potato harvests proceeded under favorable conditions, and about three-fourths of the cotton crop was picked at the end of the month. The growing season practically ended with the killing frosts of the 13th and 14th, but truck in the coastal regions was not damaged materially. Wheat sowing was carried on quite extensively toward the close of the month, and the crop was coming to good stands, while oats and rye were in satisfactory condition.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.15 inches. The highest pressure in the region covered by reports was 30.58 inches at Asheville, N. C., on the 6th, and in the Section proper, 30.53 inches at Columbia on the 13th; the lowest pressure was 29.44 inches at Wilmington, N. C., on the 16th, and in the Section proper, 29.54 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 37 stations, was 52.3°, or 1.5° below the established normal. The highest temperature was 87° at Darlington, Darlington County, on the 8th. The warmest periods of the month were from the 1st to 11th, 20th to 22d, and 26th to 28th. The lowest temperature was 18° at Landrum, Spartanburg County, and Santuck, Union County, on the 14th. The coolest period was between the 12th and 19th, when killing frosts extended practically to the coast.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 60%; 8 p. m., 66%. The greatest percentages occurred along the coast and in the extreme northwestern counties, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 3.62 inches, or 1.34 inches above the established normal. There were five periods of showers in the eastern portion, and four in the western, the bulk of the precipitation being measured generally between the 15th and 17th and the 27th and 30th. The rainfall was fairly well distributed as to amount and area, the lighter measurements of 4 inches or less being in the eastern and southern counties, and in a large section of the upper Piedmont the amounts ranged from 4 to nearly 7 inches. The greatest local monthly amount was 6.99 inches at Gaston Shoals, Cherokee County; least local monthly amount, 1.60 inches at Orangeburg No. 2, Orangeburg County. The greatest amount in any 24 hours was 3.00 inches at Liberty, Pickens County, on the 16th, and at Paris Island, Beaufort County, on the 11th. The number of rainy days was 20% above normal.

No snowfall was reported during the month.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 8 anemometer records, was 7.7 miles. The highest average velocity in the region covered by reports was 11.2 miles per hour at Savannah, Ga., and in the Section proper, 10.2 miles per hour at Charleston; the lowest average velocity was 4.8 miles per hour at Augusta, Ga., and in the Section proper, 6.4 miles per hour at Columbia. The highest velocity for any 5-minute period was 38 miles per hour from the east at Asheville, N. C., on the 27th and from the northeast at Charleston on the 13th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 191.7 hours, or 61% of the possible amount. The average number of clear days was 18; partly cloudy, 4, and cloudy, 8, as against normals of 17, 6, and 7 days, respectively.

RIVER CONDITIONS.

The rains of the 15th and 16th were followed by flood stages or somewhat above in the Santee River at Rimini on the 20th and 21st and at Ferguson on the 22d. Moderate rises only occurred in the other streams of the Section.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing, additional number of stations reporting.—13th, 12; 14th, 3; 17th, 1.

Halos—Solar: Columbia, 7, 26; Greenville, 8, 9, 13; Liberty, 9, 13.

Fog, Dense.—Charleston, 8, 30; Conway, 9; Edisto, 8; Garnett, 8, 9; Georgetown, 2, 20; Greenville, 22; Kingstree, 8, 9; Liberty, 3; Orangeburg No. 1, 8, 22; Paris Island, 8; Rimini, 8.

MISCELLANEOUS DATA FOR NOVEMBER, 1920.

Stations	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.20	44.3	76	18	3.15	1.47	7.9	nw.	86	59	66	49
Augusta, Ga.	30.17	53.0	80	32	3.80	2.38	4.8	nw.	82	53	69	66
Charleston, S. C.	30.13	57.4	80	36	3.07	1.25	10.2	ne.	84	79	60	68
Charlotte, N. C.	30.15	49.4	77	23	4.95	2.41	5.3	ne.	75	51	61	63
Columbia, S. C.	30.16	52.4	79	29	3.26	1.92	6.4	ne.	80	52	57	63
Greenville, S. C.	30.13	50.1	76	28	4.52	2.60	8.3	ne.	78	61	64	63
Savannah, Ga.	30.13	57.9	80	36	4.77	2.74	11.2	ne.	82	63	75	54
Wilmington, N. C.	30.14	55.2	80	30	3.31	2.20	7.2	w.	86	64	75	64
Means and extremes	30.15	52.5	80	18	3.85	2.74	7.7	ne.	82	60	66	61

Climatological Data for November, 1920.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.					
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Eastern Portion.																				
Allendale	Allendale	186	39	54.7	−0.6	80	9	29	18	37	2.83	+1.17	1.10	0	6	15	11	4	sw.	R. B. Vance.
Blackville	Barnwell	296	37	52.6	−2.9	80	9	28	14	35	3.10	+1.05	2.00	0	3	24	2	4	....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	51.3	−2.9	80	† 8	28	27	42	2.36	+0.39	2.10	0	2	19	6	5	w.	B. O. Evans.
Charleston	Charleston	48	49	57.4	−0.7	80	10	56	14	25	3.07	+0.20	1.25	0	7	12	9	9	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	39	51.3	−0.7	84	8	22	14	49	2.98	+0.79	1.30	0	3	....	....	....	....	Roland D. Powe.
Conway	Horry	25	32	54.2	+0.1	82	10	30	†14	42	3.34	+1.06	1.39	0	7	17	0	13	ne.	Paul Quattlebaum.
Darlington	Darlington	175	25	°53.0	+0.9	b87	8	°28	14	°45	3.06	+0.78	1.20	0	6	18	0	12	.....	D. C. McCall.
Edisto	Bamberg	143	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nathan Jenkins.
Effingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	2.97	+0.73	1.77	0	.....	.....	.....	.....	.....	Wm. B. Gillespie.
Fergnson	Orangeburg	63	35	52.8	−2.3	81	10	28	†18	38	3.45	+1.07	1.05	0	5	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	39	53.5	−0.3	82	1	26	14	39	3.51	+1.40	1.89	0	7	19	1	10	ne.	H. K. Gilbert.
Florence 2	.....do	136	5	.....	.....	.....	.....	.....	.....	.....	3.12	+1.01	1.90	0	5	21	2	7	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	2	55.5	.....	83	10	26	18	40	4.44	.....	2.19	0	6	12	10	8	ne.	Maner B. Robert.
Georgetown	Georgetown	12	28	54.2	−1.8	84	10	30	13	42	3.75	+1.32	1.65	0	6	21	7	2	n.	A. P. Hazard.
Kingstree	Williamsburg	54	39	52.2	−2.6	76	† 9	29	14	39	2.50	+0.32	1.20	0	5	19	1	10	e.	W. H. Matthews.
Oaks	Georgetown	.....	5	.....	.....	b85	9	b28	18	b39	2.06	.....	1.05	0	7	21	2	7	n.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	53.8	.....	83	10	27	18	42	2.42	.....	1.40	0	5	16	2	12	e.	U. S. Fisheries Station.
Orangebnrg 2	.....do	264	.....	.....	.....	.....	.....	.....	.....	.....	1.60	.....	1.20	0	6	18	5	7	ne.	State A. and M. College.
Paris Island	Beaufort	13	36	58.6	0.0	81	10	31	17	28	5.30	+3.06	3.60	0	6	18	4	8	ne.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	2.67	.....	1.00	0	5	.....	.....	.....	.....	William B. Wolfe.
St. George	Dorchester	109	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Davis.
St. Matthews	Calhoun	62	39	.....	.....	.....	.....	.....	.....	.....	2.48	+0.34	1.63	0	5	18	8	1	se.	Miss Frances M. Antley.
Society Hill	Darlington	192	30	°49.8	−2.2	°83	16	23	14	°35	2.53	+0.26	1.06	0	6	20	2	8	ne.	A. H. Rogers.
Summerville	Dorchester	75	23	55.6	+0.2	82	10	30	18	38	3.68	+1.33	1.70	0	8	22	2	6	w.	E. P. Lawton.
Walterboro	Colleton	69	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. N. Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	3.27	.....	1.38	0	6	.....	.....	.....	.....	Combahee Company.
Yemassee	Hampton	21	32	55.7	+0.6	82	10	27	18	43	3.41	+1.35	1.28	0	6	19	0	11	nw.	W. C. Hutson.
Division means and	extremes	.....	.....	53.9	−0.8	87	8	22	14	49	3.08	+1.02	3.60	0	6	18	4	8	ne.	
Western Portion.																				
Aiken	Aiken	527	59	53.6	−0.3	79	10	29	14	34	3.30	+0.59	2.33	0	4	22	0	8	nw.	Frank B. McCoy.
Anderson	Anderson	764	25	†51.7	−1.1	78	10	†27	14	†41	4.62	+1.82	1.89	0	7	12	5	13	w.	H. H. Russell.
Batesburg	Lexington	656	37	51.5	−2.2	82	9	27	14	31	3.77	+1.19	2.75	0	6	17	5	8	n.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	3.68	+1.34	2.30	0	6	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	48.8	.....	86	9	25	11	43	4.91	+1.60	2.04	0	7	17	2	11	ne.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	2.73	+0.28	1.65	0	5	.....	.....	.....	.....	Henry A. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	3.83	+1.39	2.10	0	5	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	3.42	+1.03	1.10	0	6	.....	.....	.....	.....	J. J. Murran.
Clemson College	Oconee	850	29	°49.0	−1.4	°76	10	°23	14	°37	4.51	+1.75	0.83	0	4	6	11	13	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	34	52.4	−1.4	79	10	29	14	32	3.26	+1.03	1.92	0	7	16	6	8	ne.	U. S. Weather Bureau.
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	3.23	.....	2.05	0	4	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	6.99	+4.42	2.20	0	8	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	37	50.1	−1.4	76	10	28	14	32	4.52	+1.34	2.60	0	8	14	9	7	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	37	51.1	−0.9	77	10	24	14	37	4.90	+2.15	2.35	0	5	17	0	13	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	†54.9	+4.0	†78	† 9	23	14	†35	3.28	+0.71	1.78	0	4	18	1	11	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	50.9	.....	80	† 8	23	14	38	3.32	.....	1.85	0	6	18	3	9	w.	John W. Hamel.
Landrum	Spartanburg	1063	5	50.2	.....	80	8	18	14	45	5.63	.....	2.15	0	9	19	3	8	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	2	47.7	.....	79	10	22	14	39	6.11	.....	1.89	0	1	.....	.....	.....	.....	Perry A. Simpson.
Liberty	Pickens	900	21	50.1	−0.6	77	10	24	14	40	4.90	+2.11	3.00	0	6	15	8	7	sw.	John T. Boggs.
Little Mountain	Newberry	711	28	53.3	−0.5	80	8	24	14	34	3.24	+0.73	2.20	0	5	20	0	10	w.	J. M. Sease, M. D.
Meriwether	McCormick	459	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	100	13	52.4	−2.0	81	8	28	14	37	3.21	+1.04	2.23	0	8	14	8	8	ne.	Joseph M. Johnson.
Newberry	Newberry	502	17	.....	.....	°84	8	†25	14	.....	2.72	−0.25	1.60	0	4	21	5	4	se.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	5.12	+2.57	2.70	0	9	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	.....	.....	.....	.....	.....	.....	.....	3.41	+0.88	2.12	0	6	22	1	7	n.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	48.3	−2.8	82	10	18	14	42	4.73	+1.92	2.79	0	8	16	6	8	n.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	49.4	−1.3	80	10	22	14	37	4.99	+2.12	2.00	0	4	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	28	52.2	−2.7	77	† 9	28	14	34	3.28	+0.70	2.43	0	3	19	3	8	ne.	Mrs. S. E. Long.
Walhalla	Oconee	1061	21	49.4	−1.4	79	8	22	14	46	3.65	+0.24	1.08	0	8	17	7	6	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Rev. Oliver Johnson
Winthrop College ††	York	690	21	51.7	0.0	80	† 8	22	14	40	3.44	+1.08	2.00	0	7	16	7	7	n	W. P. Goodman.
Division means and	extremes	.....	.....	50.9	−1.2	86	9	18	11	46	4.06	+1.46	3.00	0	6	17	4	9	ne.	
Section means and	extremes	.....	.....	52.3	−1.5	87	8	18	14	49	3.62	+1.31	3.00	0	6	18	1	8	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperatnre data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for November, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖	Savannah		.15									.33					1.10	.80											.35		.10		2.83
Blackville ‖	Edisto											.10					2.00												1.00				3.10
Bowman	do		T.	T.																									2.10		.26		2.36
Charleston ***	Coast		T.	.11								1.25				.13	.75											.69	.01		.13		3.07
Cheraw ‖	Pee Dee																.78	1.30											.90				2.98
Conway ‖	Waccamaw			.13								.06	.25				.76	1.39					.05						.70				3.34
Darlington ‖	Pee Dee			T.								T.	.48				.45	1.20						.10					.80	.03			3.06
Edisto ‖	Edisto			.13								.46	.04																				
Effingham ‖	Lynches			T.									T.				.27	1.50						.37					.67	.16			2.97
Ferguson ‖	Santee											.81	.05				.45	1.05											1.69				3.45
Florence 1 ‖	Pee Dee			.12								T.					.21	1.89						.21					.53	.40	.15		3.51
Florence 2 ‖	do			.02													.30	1.90						.30						.60	T.		3.12
Garnett	Savannah		T.	.38								2.19				T.	1.57						T.					.15	.10		.05		4.44
Georgetown	Coast			.20								.85					1.65						T					.35	.45		.25		3.75
Kingstree ‖	Black			.10								.05					.51	1.20											.64				2.50
Oaks	do											.32					1.05	.10					.04					.10	.28		.17		2.66
Orangeburg 1	Edisto			.15													1.40											.21	.54		.12		2.42
Orangeburg 2	do		.02									.02					1.20						.05					.30			.01		1.60
Paris Island	Coast			.10								3.00	.30				.50	1.00											.70				5.30
Pinopolis	Cooper																																
Rimini ‖	Santee			.02									.20				1.00	.75											.70				2.67
St. George ‖	Edisto																																
St. Matthews ‖	Santee																	1.63						.12						.53	.20		2.48
Society Hill ‖	do												.07				.40	1.06						.05					.90		.05		2.53
Summerville	Ashley			.30								.80				.02	1.70						.06					.35	.30		.15		3.68
Walterboro	Ashepoo																																
Whitehall (near)	Combahee		.29									1.38				.49	.74												.21	.16			3.27
Yemassee ‖	Ashepoo			.28								1.28	.27				.55	.78											.25				3.41
Western Portion.																																	
Aiken	Edisto															.09	2.35												.65		.23		3.30
Anderson	Savannah		.38													1.33	1.89						.07					.30	.40		.25		4.62
Batesburg ‖	Edisto		T.	.07													.96	1.79						.02					.61		.32		3.77
Blairs ‖	Broad		.05	.17													1.04	1.26											.84		.22		3.68
Calhoun Falls ‖	Savannah	.09	.13		.22												2.04	.94						.04					1.28		.26		4.91
Camden ‖	Wateree			.03													.80	1.65											.65		.20		2.73
Catawba ‖	Catawba			.23													.80	1.30											.90		.60		3.83
Chappells ‖	Saluda		.05	.15													.90	.92											1.10		.30		3.42
Clemson College	Savannah		.46														2.80											.83		.42		4.51
Columbia ***	Congaree		.01									.01				.04	1.88						T.					.86	.15	T.	.31		3.26
Edgefield ‖	Savannah	.18															1.00	1.05											.90		.28		3.23
Gaston Shoals ‖	Broad		.05	.10												.01	1.97	.99											2.20	.01	1.56		6.99
Greenville ***	Saluda		.31									T.				.95	1.93						.10					.79	.12	.01	.31		4.52
Greenwood ‖	do			.23													1.25	1.10											1.50		.82		4.90
Heath Spring	Wateree		.15														1.78												.65		.70		3.28
Kershaw ‖	Lynches			.20													1.85						.03					.06	.58		.60		3.52
Landrum	Broad		.43	.05												.33	2.15						.11					.43	1.31	.10	.72		5.63
Laurens ‖	Saluda		.60														1.89	.95											1.80	1.47			6.11
Liberty	Savannah											T.				.60	3.00						.20					.30	T.		.20		4.90
Little Mountain	Saluda		.17														2.20											.05	.57		.25		3.24
Meriwether	Savannah																																
Monetta	Edisto		.03													.02	2.23	.01					.01					.01	.68	T	.22		3.21
Newberry	Saluda		.20														1.60						T.					.05	.87				2.72
Pelzer ‖	do		.01	.26								.02				.10	2.70	.72						.08					.92		.28		5.12
Saluda	do		.15													.05	2.12						.04						.75		.30		3.41
Santuck	Broad		.19													.01	2.79					.08						.24	.95	.02	.45		4.73
Spartanburg ‖	do		.05														2.00	.92											2.02				4.99
Trenton	Edisto															T.	2.43											T.	.70	T.	.15		3.28
Walhalla	Savannah		.81									T.				.92	1.08						.12					.30	.03	.01	.38		3.65
Winnsboro	Broad																																
Winthrop College	Catawba		.11														2.00	.06					.01					.75	.06		.45		3.44

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR NOVEMBER.

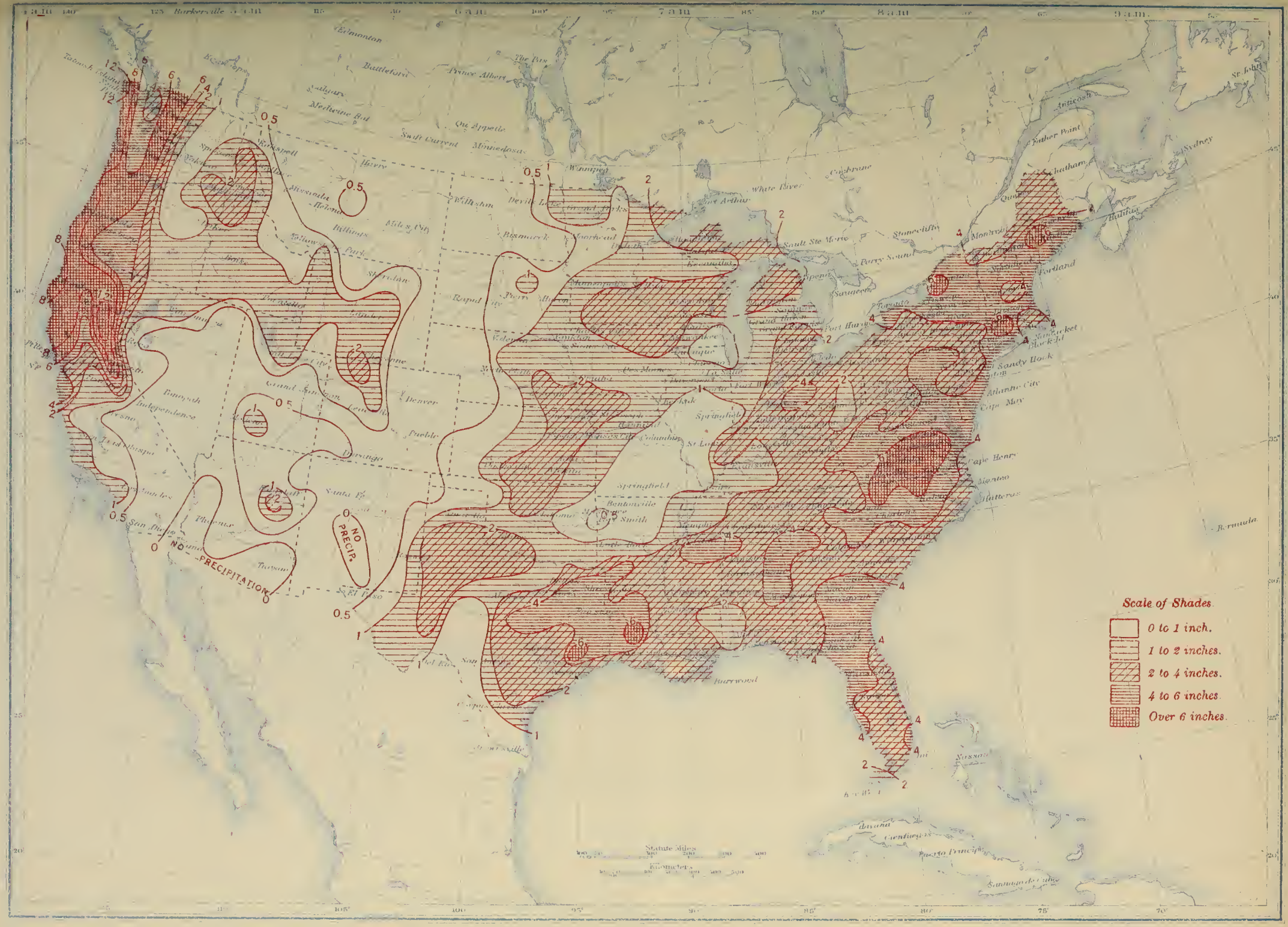
Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.3	78	18	0.82	4				nw.
1888	52.7	82	22	2.77	8				
1889	54.8	84	18	3.84	6				w.
1890	58.4			0.64					
1891	51.9	82	15	2.48					ne.
1892	53.9	86	14	1.96					sw.
1893	52.9	87	15	2.11	5	14	8	8	ne.
1894	52.3	83	17	2.02	4	18	7	5	nw.
1895	54.4	88	21	2.35	6	12	8	10	ne.
1896	59.1	90	26	4.00	7	12	8	10	ne.
1897	55.3	88	23	1.99	5	16	7	7	sw.
1898	51.0	82	14	4.72	10	14	6	10	ne.
1899	55.0	86	22	2.41	5	16	6	8	ne.
1900	55.6	92	22	3.32	6	13	8	9	sw.
1901	48.2	85	17	1.01	5	21	4	5	n.
1902	59.2	89	22	3.80	6	13	7	10	ne.
1903	50.9	86	10	1.40	5	14	8	8	n.
1904	51.6	80	22	2.78	6	17	6	7	w.
1905	54.5	90	21	1.31	3	17	6	7	sw.
1906	53.8	89	20	0.96	3	18	8	4	ne.
1907	52.2	87	24	4.13	10	12	7	11	ne.
1908	56.6	88	24	1.60	3	16	10	4	sw.
1909	58.3	88	20	0.97	3	18	9	3	sw.
1910	51.1	85	24	1.04	4	20	6	4	w.
1911	51.2	83	19	3.30	8	13	10	7	ne.
1912	52.1	84	17	2.71	4	22	4	4	w.
1913	53.5	89	18	1.79	2	21	5	4	w.
1914	52.4	86	17	3.33	6	19	4	7	w.
1915	56.3	88	21	2.36	4	22	4	4	w.
1916	54.5	88	17	1.21	4	18	5	7	ne.
1917	50.4	83	16	0.82	4	21	4	5	ne.
1918	53.0	86	26	3.13	7	18	3	9	ne.
1919	56.6	92	20	0.86	3	18	6	6	ne.
1920	52.3	87	18	3.62	6	18	4	8	ne.
Period	53.8	92	10	2.28	5	17	6	7	ne.

Daily Temperatures for November, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	77	74	66	68	73	76	76	78	80	79	81	70	63	50	53	60	44	50	60	64	71	76	70	58	62	64	60	64	60	55	....	66.1
	Minimum	54	50	40	48	42	41	51	51	50	56	61	47	33	31	43	42	34	29	34	34	40	46	40	36	38	38	44	48	47	47	....	43.3
Blackville	Maximum	60	70	70	72	73	74	69	70	80	75	75	65	48	55	58	54	59	65	57	54	65	65	65	70	60	60	60	57	61	67	....	64.4
	Minimum	35	35	53	54	52	50	53	40	50	49	54	40	31	28	43	36	36	34	36	36	37	36	35	37	37	36	35	33	45	44	....	40.7
Bowman	Maximum	74	77	77	76	77	78	79	80	80	80	75	60	50	52	60	58	55	52	60	65	68	71	70	65	60	61	65	60	62	62	....	67.0
	Minimum	38	40	39	38	36	37	36	42	44	47	46	31	29	32	35	33	30	30	31	32	38	39	36	39	31	33	28	39	30	28	....	35.6
Charleston	Maximum	73	76	71	69	72	73	73	77	79	80	70	62	49	57	62	55	50	56	60	68	69	72	58	61	60	60	68	68	58	63	....	65.6
	Minimum	56	63	55	49	53	56	61	57	60	62	55	49	36	36	48	42	36	38	42	43	48	54	45	41	46	43	52	50	49	52	....	49.2
Cheraw	Maximum	78	72	73	73	81	78	81	84	82	83	60	56	52	60	58	48	53	57	67	76	74	70	61	65	63	63	51	50	50	48	....	65.6
	Minimum	45	45	43	38	38	32	38	41	42	52	52	41	28	22	36	39	33	28	26	28	32	40	37	30	30	30	31	45	44	44	....	37.0
Conway	Maximum	79	77	74	72	78	75	77	80	79	82	65	63	49	58	62	55	52	59	64	72	74	72	58	61	63	61	68	60	58	65	....	67.1
	Minimum	42	52	61	43	42	43	48	48	50	54	60	35	31	30	40	37	35	30	30	32	35	44	35	33	33	33	38	47	48	48	....	44.2
Darlington §§§	Maximum	....	74	75	73	78	72	80	87	81	86	57	57	48	57	58	43	53	63	70	75	76	71	70	....	....	....	53	50	51	49	....	[d]65.7
	Minimum	....	....	54	40	40	40	42	45	52	56	55	44	30	25	36	40	34	28	28	30	36	45	40	31	....	....	....	46	46	45	..	[c]40.3
Ferguson §§§	Maximum	72	75	73	77	76	78	77	79	80	81	72	62	55	57	60	45	52	59	62	68	71	72	58	62	65	62	65	63	55	59	....	66.4
	Minimum	49	52	40	39	40	36	44	46	46	52	53	47	33	30	30	43	35	28	30	28	33	36	41	30	31	29	34	46	47	47	....	39.2
Florence 1	Maximum	82	74	74	76	80	81	79	79	80	79	58	56	45	49	58	48	54	64	68	72	70	69	61	64	62	63	53	49	54	56	....	65.2
	Minimum	48	56	56	42	43	42	45	46	54	58	54	45	30	26	39	36	34	30	34	36	39	39	41	35	34	35	40	45	45	46	....	41.8
Garnett	Maximum	78	80	72	75	78	78	81	81	81	83	72	66	58	55	60	56	52	61	66	72	72	75	65	65	67	65	61	68	59	57	....	68.6
	Minimum	47	54	51	46	38	42	51	51	47	51	61	49	34	32	46	39	34	26	32	32	35	42	40	31	35	32	47	51	48	47	....	42.4
Georgetown	Maximum	80	78	78	71	79	75	78	81	80	84	65	65	52	62	65	63	54	50	65	71	74	73	73	64	63	62	67	68	58	62	....	68.7
	Minimum	44	44	45	43	39	45	49	45	45	50	45	39	30	35	40	40	35	31	30	32	33	35	40	34	34	34	36	44	46	47	....	39.6
Kingstree	Maximum	73	75	70	66	72	70	72	72	76	76	68	62	62	53	59	56	49	59	59	62	63	70	56	57	60	56	59	59	58	54	....	63.4
	Minimum	47	59	55	41	40	41	48	54	49	57	53	41	32	29	40	39	34	30	31	31	31	36	41	33	33	35	43	43	41	40	....	40.9
Oaks	Maximum	82	80	80	72	75	82	79	82	85	....	....	....	....	65	56	64	....	....	....	....	....	....	....	....	....	....	71	....	....	65	....	....
	Minimum	55	52	60	41	45	....	46	47	48	....	....	48	32	31	41	....	35	29	31	31	35	49	46	32	32	32	56	48	48	47	....	[d]42.2
Orangeburg 1	Maximum	78	77	75	73	75	74	78	81	81	83	71	61	55	55	57	55	52	60	65	72	72	70	64	63	64	61	55	63	53	53	....	66.5
	Minimum	45	53	47	37	38	38	43	47	46	52	55	44	30	29	43	37	34	27	30	30	34	41	40	32	35	34	41	46	45	46	....	40.0
Paris Island §§§	Maximum	78	79	71	73	78	75	80	80	80	81	74	66	61	58	62	54	55	63	64	70	73	64	62	68	68	63	68	61	60	58	....	68.2
	Minimum	55	61	58	49	52	56	58	55	58	60	64	52	38	37	42	49	31	37	42	42	46	53	45	41	45	43	49	56	48	50	....	49.1
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Matthews	Maximum	74	70	68	74	70	77	75	....	....	....	....	65	....	60	58	54	57	....	63	70	70	74	69	....	....	....	....	64	....	....	....	....
	Minimum	45	49	40	46	50	....	....	....	....	....	47	40	....	38	36	37	35	32	33	....	40	40	39	39	40	40	....	33	39	39	....	....
Society Hill §§§	Maximum	76	73	70	....	....	....	....	....	80	83	55	56	45	55	56	46	52	56	66	72	72	70	59	62	64	60	50	49	50	47	....	[c]61.0
	Minimum	45	52	52	37	36	39	40	42	49	55	53	41	27	23	36	39	33	28	27	30	35	42	38	30	29	32	34	45	44	43	....	38.5
Summerville	Maximum	79	77	72	74	78	78	78	80	80	82	66	63	52	58	59	58	53	61	66	71	72	73	61	63	66	63	61	68	58	58	....	67.6
	Minimum	48	54	46	42	43	56	51	51	50	56	58	48	34	32	44	41	34	30	34	34	34	51	41	34	35	38	44	50	48	49	....	43.7
Walterboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Yemassee	Maximum	78	80	70	76	79	79	80	80	80	82	69	66	57	56	60	57	53	62	66	74	72	75	65	65	67	66	60	65	59	55	....	68.4
	Minimum	46	53	52	40	39	45	48	53	47	55	62	49	35	32	45	40	35	27	33	31	37	45	41	33	35	35	46	56	47	48	....	43.0
Western Portion.																																	
Aiken	Maximum	74	73	71	70	75	73	74	78	78	79	77	61	56	52	51	45	49	57	64	70	69	68	65	61	61	59	53	57	75	49	....	64.1
	Minimum	47	65	44	42	45	50	52	51	52	54	59	46	31	29	42	36	32	31	36	40	43	47	38	33	41	37	45	39	45	43	....	43.2
Anderson	Maximum	73	64	69	70	77	72	75	77	77	78	70	60	42	47	46	41	54	58	69	72	68	63	58	63	65	57	46	61	55	44	....	62.5
	Minimum	55	61	....	....	....	....	....	....	53	59	56	40	32	27	37	38	31	31	31	35	46	44	39	32	36	34	42	41	42	40	....	[c]40.9
Batesburg	Maximum	75	71	67	71	74	73	74	76	82	81	66	56	45	54	46	44	45	47	53	64	66	66	54	63	61	57	56	50	48	44	....	61.0
	Minimum	47	55	44	45	46	47	46	51	51	54	52	43	29	27	41	35	31	33	33	43	44	44	39	34	41	36	41	42	44	44	....	42.0
Calhoun Falls §§§	Maximum	75	68	66	78	75	76	75	79	86	81	65	62	41	52	42	42	49	56	66	72	62	63	56	62	60	56	47	58	44	45	....	62.0
	Minimum	35	42	38	35	35	36	43	39	45	46	51	46	31	25	27	36	30	28	29	29	30	39	37	27	28	29	29	41	43	39	....	35.6
Camden §§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clemson College	Maximum	68	69	63	63	68	69	68	73	74	76	72	61	50	47	46	....	51	52	61	66	63	61	55	59	57	55	49	57	55	46	....	[c]60.5
	Minimum	40	49	38	38	37	38	39	41	43	52	57	44	34	28	39	....	31	30	29	30	32	34	40	29	31	27	37	43	43	41	....	[c]37.6
Columbia	Maximum	74	72	68	70	74	72	73	79	77	79	62	56	44	52	52	43	49	57	62	71	70	67	57	62	60	58	51	50	48	47	....	61.9
	Minimum	51	60	49	46	45	49	47	52	56	58	50	39	31	29	42	36	33	33	31	39	44	46	40	34	38	35	44	44	44	44	....	43.0
Greenville	Maximum	70	65	65	66	72	70	71	76	74	76	63	54	40	47	42	44	51	53	64	70	64	61	54	60	58	54	43	55	46	44	....	59.1
	Minimum	46	54	44	46	49	49	44	47	50	59	54	36	30	28	36	38	31	33	34	38	41	43	39	35	37	33	40	41	39	39	....	41.1
Greenwood	Maximum	76	67	64	64	70	70	70	75	75	77	68	57	48	50	47	41	48	55	62	69	65	63	54	54	59	53	47	50	53	50	....	60.0
	Minimum	46	59	47	41	44	53	43	50	57	57	53	45	32	24	39	35	31	30	32	39	41	45	39	36	39	33	45	45	45	42	....	42.2
Heath Spring	Maximum	75	70	73	72	73	72	71	76	78	78	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	[b]69.8
	Minimum	48	43	47	40	41	43	44	51	54	58	40	40	28	23	37	35	32	30	35	41	45	44	37	35	37	36	34	35	37	41	....	39.7
Kershaw	Maximum	74	70	70	70	73	72	73	80	77	80	68	56	46	51	51	50	50	54	67	70	68	60	57	53	61	58	48	49	49	46	....	62.0
	Minimum	46	57	47	40	41	43	43	44	52	57	49	42	29	23	41	36	33	30	29	37	33	41	36	31	33	35	36	44	43	42	....	39.8
Landrum	Maximum	74	63	71	67	75	74	74	80	78	78	65	58	43	48	44	43	48	58	66	74	68	65	56	60	60	55	46	58	54	44	....	61.6
	Minimum	42	54	45	39	44	39	36	46	45	58	52	41	30	18	36	38	31	33	29	32	33	41	39	38	35	29	38	40	41	39	....	38.7
Laurens §§§	Maximum	71	68	66	67	71	70	72	76	77	79	60	58	43	49	43	43	55	55	65	70	68	64	57	60	59	54	45	55	47	47	....	60.5
	Minimum	38	42	37	37	35	36	35	37	40	46	46	45	32	22	28	36	31	29	26	28	31	35	34	27	29	30	29	42	44	40	....	34.9
Liberty	Maximum	71	65	66	67	73	72	72	74	75	77	71	61	45	47	45	45	53	55	64	68	65	62	57	60	62	55	44	58	56	45	....	61.0
	Minimum	54	56	40	43	38	40	39	43	48	59	57	42	32	24	38	40	30	31	28	32	35	36	38	30	30	28	36	42	43	40	....	39.2
Little Mountain	Maximum	72	68	70	72	74	76	78	80	75	77	70	54	50	56	48	43	48	57	63	69	65	64	61	59	53	56	55	50	49	48	....	62 0
	Minimum	45	55	55	56	56	58	59	58	58	58	54	43	31	24	43	35	31	30	35	40	46	47	38	49	38	33	34	43	42	40	....	44.6
Meriwether	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monetta	Maximum	75	72	68	72	75	74	76	81	79	79	73	57	52	52	48	44	48	57	66	70	68	66	57	62	61	58	51	52	51	46	....	63.0
	Minimum	45	55	44	44	46	48	45	47	47	54	55	45	30	28	41	35	32	34	33	38	40	48	40	34	39	37	40	44	44	42	....	41.8
Newberry	Maximum	68	70	73	78	....	....	....	....	84	....	....	....	....	73	....	....	53	48	49	53	56	69	69	70	68	....	....	....	....	....	....	....	....
	Minimum	45	....	50	49	50	60	60	59	....	....	....	40	32	25	....	35	32	35	40	38	47	45	....	40	43	....	43	45	....	....	....	....
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Santuck	Maximum	71	69	65	65	71	70	72	75	78	82	72	57	48	52	49	41	52	57	61	70	66	59	62	61	61	58	48	52	50	46	....	61.3
	Minimum	35	53	40	35	35	35	36	38	40	52	51	41	32	18	30	36	32	26	27	37	36	33	26	28	26	25	31	42	43	40	....	35.3
Spartanburg	Maximum	74	66	67	67	73	71	74	78	77	80	69	56	46	48	46	42	49	55	64	71	65	63	57	58	57	54	47	54	53	44	....	60.8
	Minimum	44	52	42	41	39	41	38	42	48	57	54	43	31	22	28	35	31	30	28	34	34	39	38	30	30	31	35	35	43	39	..	38.1
Trenton	Maximum	72	71	68	72	76	77	74	76	77	77	69	57	48	52	48	43	52	53	65	68	67	67	56	59	59	60	53	54	51	46	....	62.2
	Minimum	46	58	46	43	48	50	51	51	51	51	46	45	30	28	36	36	31	31	34	42	49	48	40	34	35	36	41	43	44	41	....	42.2
Walhalla	Maximum	73	63	67	69	75	73	74	79	77	78	71	63	47	46	43	48	55	58	68	73	69	65	59	63	63	54	45	60	52	45	....	62.4
	Minimum	34	52	35	35	35	39	41	42	43	58	58	35	32	22	30	40	27	28	27	29	32	33	37	29	31	26	35	43	41	40	....	36.3
Winnsboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Winthrop College	Maximum	75	67	68	68	76	74	72	80	78	80	78	69	46	50	50	37	50	54	65	70	67	62	64	60	62	60	56	48	50	50	....	62.9
	Minimum	48	58	45	40	42	44	41	47	53	54	56	42	32	22	34	31	32	28	30	34	46	45	34	34	52	48	30	36	40	39	....	40.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.


Scale of Shades.
0 to 1 inch.
1 to 2 inches.
2 to 4 inches.
4 to 6 inches.
Over 6 inches.
NO PRECIPITATION
NO PRECIP.
Statute Miles
Kilometers

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WEATHER BUREAU
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CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION

DECEMBER, 1920

BY
RICHARD H. SULLIVAN
METEOROLOGIST

WEATHER BUREAU OFFICE
COLUMBIA, S. C.
January 25, 1921

Total Precipitation, Inches, December, 1920.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

SOUTH CAROLINA SECTION.
RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIII. COLUMBIA, S. C., DECEMBER, 1920 No. 12.

GENERAL SUMMARY.

The month was comparatively mild and open, with short alternating periods of warm and cool weather, resulting in a mean temperature somewhat below the average. Precipitation was slightly above normal.

Winter cereals showed generally good stands and made satisfactory advance throughout the month, but plowing and seeding were materially retarded by wet soil and rather poor drying conditions. Cabbage and lettuce were set out extensively in the trucking districts during the first decade, and preparations for planting white potatoes began toward the end of the month, which closed with considerable late corn and some late cotton to be harvested, and early winter cabbage about ready for market.

PRESSURE.

The mean sea-level pressure, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was 30.08 inches. The highest pressure in the region covered by reports was 30.47 inches at Charlotte, N. C., on the 21st, and in the Section proper, 30.42 inches at Greenville on the same date and at Columbia on the 25th; the lowest pressure was 29.57 inches at Asheville, N. C., on the 14th, and in the Section proper, 29.63 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 46.1°, or 0.2° below normal. The highest temperature was 75° at Garnett, Hampton County, on the 13th, and at Conway, Horry County, on the 4th. The warmest periods were from the 3d to 5th and 12th to 15th, and on the 22d and 23d. The lowest temperature was 18° at Walhalla, Oconee County, on the 25th. The coldest periods were about the 8th and 9th, 16th to 21st, and 24th to 29th. The autumn killing frost line was carried to the extreme southern coast by the 18th, although freezing temperature has not yet occurred at Charleston.

HUMIDITY.

The mean relative humidity, determined from reports of 8 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 60%; 8 p. m., 68%. The highest percentages occurred over the southern coast districts, and the lowest, over the northeastern counties.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 4.01 inches, or 0.60 inch above the established normal. The month's rainfall occurred in five periods, and the distribution was fair only. Over the Piedmont and in portions of the coastal plain the measurements ranged from 4 to nearly 8 inches, while in a broad belt of the interior the amounts ranged downward to less than 3 inches. The greatest local monthly amount was 7.97 inches at Liberty, Pickens County, and the least local monthly amount was 2.26 inches at Columbia. The greatest amount during any 24 hours was 2.40 inches at Paris Island Beaufort County, on the 27th. The average number of rainy days was normal.

Snow flurries and sleet occurred at a number of up-State points on the 8th and 19th.

A tornado at Snelling, Barnwell County, at 4 p. m. on the 22d, destroyed the residence and farm buildings of Mr. W. C. Bird, resulting in the death of his wife and injury to five persons. The property loss approximated $5,000. The storm moved from southwest to northeast in a short path 50 to 100 yards wide.

A very severe thunderstorm, having many of the characteristics of a tornado, occurred at Laurens, Laurens County, about 3 p. m. on the 22d, moving in a path about one-half mile wide and causing property damage estimated at about $5,000. There was no loss of life or injury to persons.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 8 automatic records, was 161.9 hours, or 53% of the possible amount. The average number of clear days was 15; partly cloudy, 5, and cloudy, 11, as against normals of 14, 7, and 10 days, respectively.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in the Pee Dee River at Cheraw on the 3d, 9th to 11th, 16th and 17th, and 28th and 29th; in the Broad River at Blairs on the 9th and 15th, and in the Saluda River at Chappells on the 9th. Timely flood warnings for the Pee Dee River resulted in saving approximately $3,000 in movable property.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 8 anemometer records, was 8.4 miles. The highest average velocity in the region covered by reports was 12.0 miles per hour at Savannah, Ga., and in the Section proper, 9.7 miles per hour at Charleston; the lowest average velocity was 5.7 miles per hour at Augusta, Ga., and in the Section proper, 7.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 49 miles per hour from the west at Savannah, Ga., on the 16th, and in the Section proper, 42 miles per hour from the west at Greenville on the 15th.

MISCELLANEOUS PHENOMENA (dates).

Hail.—Landrum, 1.

Halos—Lunar: Charleston, 18; Columbia, 18, 23, 25; Greenville, 18, 23; Liberty, 18, 23, 25; Little Mountain, 17, 18; Walhalla, 18, 23. *Solar:* Greenville, 3, 7, 11, 18, 23.

Thunderstorms.—Calhoun Falls, Charleston, Columbia, Garnett, Monetta, Santuck, and Summerville, 22; Clemson College, Greenville, Liberty, and Walhalla, 13.

Fog, Dense.—Columbia, 22; Darlington, 23; Florence No. 2, 9; Greenville, 17; Landrum, 13; Liberty, 5.

MISCELLANEOUS DATA FOR DECEMBER, 1920.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.10	38.8	62	20	4.97	1.90	10.0	nw.	76	61	66	45
Augusta, Ga.	30.11	47.6	73	27	2.64	1.15	5.7	nw.	84	61	70	63
Charleston, S. C.	30.08	51.4	70	34	3.00	1.59	9.7	w.	81	59	72	54
Charlotte, N. C.	30.06	43.0	64	26	4.47	1.75	5.9	sw.	79	61	68	52
Columbia, S. C.	30.09	46.4	69	28	2.26	1.08	7.1	w.	84	59	60	53
Greenville, S. C.	30.05	42.7	63	26	5.39	1.33	9.4	w.	78	60	70	54
Savannah, Ga.	30.09	52.0	71	32	5.20	2.84	12.0	w.	82	68	74	51
Wilmington, N. C.	30.07	48.8	70	30	4.08	1.64	7.5	w.	78	54	67	50
Means and extremes	30.08	46.3	73	20	4.00	2.84	8.4	w.	80	60	68	53

Climatological Data for December, 1920.

Stations.	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	39	48.4	+1.3	72	14	30	†25	31	3.85	+1.09	1.65	0	7	9	16	6	w.	R. B. Vance.
Blackville	Barnwell	296	37	47.2	−0.1	70	† 6	25	29	39	3.95	+0.47	1.00	0	5	22	1	8	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	20	47.4	0.0	72	†14	22	29	42	4.72	+1.20	1.55	0	5	17	7	7	w.	B. O. Evans.
Charleston	Charleston	48	49	51.4	+0.1	70	22	34	29	24	3.00	−0.15	1.59	0	16	10	7	14	w.	U. S. Weather Bureau
Cheraw	Chesterfield	144	39	45.4	+1.7	67	† 4	22	29	38	3.53	+0.27	0.61	0	7	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	47.6	−0.3	75	4	27	18	42	3.21	+0.01	1.02	0	7	13	0	18	nw.	Paul Quattlebaum.
Darlington	Darlington	175	25	[g]48.8	+3.6	[g]70	3	[g]24	28	[g]37	3.35	+0.56	0.92	0	9	15	1	5	.....	D. C. McCall.
Edisto	Bamberg	113	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nathan Jenkins.
Ellingham	Florence	106	30	.....	.....	.....	.....	.....	.....	.....	2.81	−0.49	0.97	0	7	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	35	48.1	−0.1	74	12	24	29	40	4.79	+1.76	1.66	0	8	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	39	46.0	+1.1	68	13	27	29	37	3.81	+1.03	1.56	0	5	16	7	8	nc.	H. K. Gilbert.
Florence 2	....do	136	5	.....	.....	.....	.....	.....	.....	.....	3.90	+1.12	1.20	0	7	18	3	10	ne.	Pee Dee Experiment Sta
Garnett	Hampton	82	2	[a]49.8	.....	[a]75	13	25	29	[a]43	4.74	.....	2.24	0	11	13	8	10	w.	Maner B. Robert.
Georgetown	Georgetown	12	28	47.4	−1.6	72	† 4	25	30	43	5.18	+1.63	1.15	0	7	12	9	10	n	A. P. Hazard.
Kingstree	Williamsburg	54	39	17.8	+0.1	69	14	27	29	28	3.16	+0.04	0.92	0	8	14	1	16	w.	W. H. Matthews.
Oaks	Georgetown	.....	5	.....	.....	.....	.....	[i]27	†18	.....	3.04	.....	0.77	0	8	15	4	12	w.	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	4	48.4	.....	73	13	25	29	41	3.36	.....	1.10	0	7	13	10	8	w.	U. S. Fisheries Station
Orangeburg 2	....do	264	.....	.....	.....	.....	.....	.....	.....	.....	2.64	.....	1.15	0	5	18	5	8	nw.	State A. and M. College.
Paris Island	Beaufort	13	36	53.8	+2.0	74	22	32	17	37	6.23	+3.43	2.40	0	8	13	3	15	n.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	72	[f]47.2	−0.2	[g]65	4	[i]30	†29	.....	3.49	+0.30	1.00	0	3	13	0	18	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	6	.....	.....	.....	.....	.....	.....	.....	3.29	.....	1.00	0	5	.....	.....	.....	.....	William B. Wolfe.
St. George	Dorchester	109	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Davis.
St. Matthews	Calhoun	62	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Frances M. Antley.
Society Hill	Darlington	192	30	[m]46.4	+1.4	[m]68	13	[m]23	29	[m]36	2.69	+0.57	0.81	0	6	15	2	14	w.	A. H. Rogers.
Summerville	Dorchester	75	23	50.0	+1.1	73	13	28	†29	39	3.90	+0.35	1.40	0	10	14	5	12	w.	E. P. Lawton.
Walterboro	Colleton	69	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. N Frank.
Whitehall (near)	Colleton	13	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Combahee Company.
Yemassee	Hampton	24	32	50.2	+2.5	74	4	25	29	44	4.24	+1.03	1.50	0	7	15	4	12	ne.	W. C. Hutson.
Division means and extremes		.....	.....	48.5	+1.1	75	† 4	22	29	44	3.78	+0.59	2.40	0	8	15	5	11	w.	
Western Portion.																				
Aiken	Aiken	527	59	47.7	+0.5	71	13	26	†25	34	3.14	−0.61	1.33	0	7	16	0	15	w.	Frank B. McCoy
Anderson	Anderson	764	25	44.2	+0.2	67	31	24	25	32	5.04	+0.26	1.28	T.	10	12	5	14	w.	H. H. Russell
Batesburg	Lexington	656	37	45.4	−0.3	68	13	26	29	31	2.62	−1.34	0.90	0	7	18	4	9	nw.	E. J. Hite.
Blairs	Fairfield	293	16	.....	.....	.....	.....	.....	.....	.....	3.64	−0.36	0.92	0	8	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	22	42.4	.....	65	3	21	25	33	4.44	+0.02	1.55	T.	9	14	8	9	e.	L. M. Parker.
Camden	Kershaw	222	73	.....	.....	.....	.....	.....	.....	.....	4.11	+0.65	0.92	0	9	.....	.....	.....	.....	Henry A. Brown.
Catawba	York	562	15	.....	.....	.....	.....	.....	.....	.....	3.08	−1.22	0.80	0	7	.....	.....	.....	.....	James C. Faris
Chappells	Newberry	402	16	.....	.....	.....	.....	.....	.....	.....	3.13	−1.64	0.85	0	8	.....	.....	.....	.....	J. J. Murran.
Clemson College	Oconee	850	29	43.6	+1.0	69	2	20	25	38	6.33	+1 20	2.15	T.	4	17	5	9	w.	Prof. F. H. H. Calhoun
Columbia	Richland	351	34	46.4	−0.7	69	13	28	29	29	2.26	−0.64	1.08	0	9	11	5	15	w.	U. S. Weather Bureau
Edgefield	Edgefield	.....	6	.....	.....	.....	.....	.....	.....	.....	2.72	.....	0.80	0	7	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	18	.....	.....	.....	.....	.....	.....	.....	5.46	+0.78	1.57	0	9	.....	.....	.....	.....	S. C. Lt., Power & Ry Co
Greenville	Greenville	1039	37	42.7	+1.5	63	31	26	25	29	5.39	+0.64	1.33	0	11	13	5	13	w.	U. S. Weather Bureau
Greenwood	Greenwood	671	37	42.2	+1.0	65	13	22	25	30	3.91	- 0.57	1.12	0	7	16	1	14	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	19	46.1	+4.1	64	31	26	†25	39	3.79	−0.47	0.93	0	7	14	5	12	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	4	44.8	.....	66	14	24	29	39	3.94	.....	1.05	0	6	18	1	12	w.	John W. Hamel.
Landrum	Spartanburg	1063	5	43.4	.....	65	31	30	26	40	6.76	.....	1.61	T.	10	16	6	9	nw.	R. Hartwell Wilds, D D
Laurens	Laurens	589	2	[d]43.2	.....	[d]69	13	[d]22	29	[d]33	3.20	.....	1.20	T.	5	.....	.....	.....	.....	Perry A. Simpson.
Liberty	Pickens	900	21	12.8	6.0	63	31	22	25	35	7.97	+1.76	2.02	T.	10	14	7	10	sw.	John T. Boggs.
Little Mountain	Newberry	711	28	45.2	−0.4	65	†13	27	29	32	3.08	−0.21	0.97	T.	8	15	4	12	w.	J. M. Sease, M. D.
Meriwether	McCormick	450	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Marie R. Middleton
Monetta	Saluda	400	13	46.3	+0.5	69	13	26	29	36	3.30	−0.01	1.02	0	10	10	11	10	w.	Joseph M Johnson.
Newberry	Newberry	502	17	[n]44.2	−0.4	[n]69	4	[f]24	29	[n]29	3.10	−1.82	1.00	0	6	17	9	5	se.	Warren G. Peterson.
Pelzer	Anderson	850	17	.....	.....	.....	.....	.....	.....	.....	5.18	−0.28	1.32	0	9	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	19	.....	.....	.....	.....	24	†29	.....	2.98	−1.03	1.09	0	7	19	4	8	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	28	43.2	0.0	67	14	21	†18	35	4.49	+0.21	1.31	0	9	13	5	13	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	44	42.6	+0.8	63	†14	22	25	33	6.24	+2.24	1.75	0	9	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	28	45.2	−1.8	69	13	26	†25	30	2.70	−1.29	1.10	0	5	17	3	11	w.	Mrs. S. E. Long
Walhalla	Oconee	1061	21	42.6	−0.4	67	31	18	25	44	6.78	+2.42	1.55	0	11	15	6	10	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	44.4	+1.8	66	13	26	25	27	3.54	+0.05	1.16	0	7	17	4	10	w.	Rev. Oliver Johnson
Winthrop College ††	York	690	21	43.2	+0.1	64	4	24	25	30	3.15	−1.41	0.85	0	7	15	7	9	nw.	W. P. Goodman.
Division means and extremes		.....	.....	44.2	0.0	71	13	18	25	44	4.18	−0.20	2.15	T.	8	15	5	11	w.	
Section means and extremes		.....	.....	46.1	−0.2	75	† 4	18	25	44	4.01	+0.60	2.40	T.	8	15	5	11	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for December, 1920.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖	Savannah	T.				.15			.25	T.				.10	.80									.90				1.50	.15				3.85
Blackville ‖	Edisto								1.00	.10							1.00						.85					1.00					3.95
Bowman	do								.15							1.40				T.				.80		1.55	.82						4.72
Charleston ***	Coast	.07			.01	.02		.26	.06				T	.19	.07					.03	.01	.07	.52	.01	.01		.02	1.58	.07				3.60
Cheraw ‖	Pee Dee	.49				.21			.51	.23					.93									.55					.61				3.53
Conway ‖	Waccamaw	.43				.28			.44					T.	.40						T.		.03	.99				.64	T.				3.21
Darlington ‖	Pee Dee	.22			.22			.92		.06					.55									.68			*	*	.70				3.35
Edisto ‖	Edisto																																
Effingham ‖	Lynches	.18				.27			T.	.21					.66								T.	.52			.81	.16				2.81
Ferguson ‖	Santee	.43				.20			1.13	.12					.82									.43			1.53	.13				4.79
Florence 1 ‖	Pee Dee					1.56									.90								.05	.48			.82					3.81
Florence 2 ‖	do					.65		.30	.65						.85								.20	.05			1.20					3.90
Garnett	Savannah					.15		.01	.13					.05	.85					.01	.01		.45	.69	T.		.15	2.24	T				4.74
Georgetown	Coast					.80		.50	1.00					T.	.35								.53	.80			1.15						5.18
Kingstree ‖	Black	.28				.26			.92					.06	.80								.04				.60	.20					3.16
Oaks	do	.15				.32			.63					.10	.68								.24	.15			.77						3.04
Orangeburg 1	Edisto					.20			.43					.05	.72									.84		.02	1.10						3.36
Orangeburg 2	do					.20			.22						.77								.30				1.15						2.64
Paris Island	Coast					.10			.25						.38						.20		1.20	1.20			2.40	.50					6.23
Pinopolis	Cooper				.20				.87						.80								.62				1.00						3.49
Rimini ‖	Santee					.35			.42					1.00										.52			1.00						3.29
St. George ‖	Edisto																																
St. Matthews ‖	Santee																																
Society Hill ‖	do	.43				.26			.81	.08														.58					.53				2.69
Summerville	Ashley	.08				.25			.57					.77							.05		.60	.11			.04	1.40	.03				3.90
Walterboro	Ashepoo																																
Whitehall (near)	Combahee																																
Yemassee ‖	Ashepoo	.09				.16			.32					T	.53						T.			1.20			1.50	.44					4.24
Western Portion.																																	
Aiken	Edisto					.18			.29					.13	.23								.67	.31			1.33						3.14
Anderson	Savannah					.48		.30	.83				.10	.53	.50					T.			.93	.09		.25	1.03						5.04
Batesburg ‖	Edisto					.14		.23	.44					.04	.17									.90			.70						2.62
Blairs ‖	Broad	.06				.28			.92	.14					.46								.02	.89			.87						3.64
Calhoun Falls ‖	Savannah					.38			1.43	.12				.21	.61					T.	T.		.04	1.01			.61	.03					4.44
Camden ‖	Wateree	.24				.20			.72	.26					.92								.03	.80			.82	.12					4.11
Catawba ‖	Catawba	.30				.39		.66	.25						.33									.80			.35						5.08
Chappells ‖	Saluda	.10				.28			.80	.05				.10	.20									.85			.75						3.13
Clemson College	Savannah	T.							1.51					2.15						T.			1.16				1.51						6.33
Columbia ***	Congaree				.06			.25	.05					.04	.13					T.			.64	.01			.19	.89					2.26
Edgefield ‖	Savannah					.30			.42					.15	.20									.80			.45		.40				2.72
Gaston Shoals ‖	Broad	.16	.09			.39			1.43	.14				.18	1.21									.63				1.23					5.46
Greenville ***	Saluda	.61			.46			.81	.04				.52	.94	.42							T	.83	.01			.56	.76					5.39
Greenwood ‖	do	.10				.40			1.12				.65		.72									.90				.62					3.91
Heath Spring	Wateree	.05				.25				.85			.65		.76								.93					.90					3.79
Kershaw ‖	Lynches					.27			1.04						.78								.73	.07			1.05						3.94
Landrum	Broad	.05				.46		.04	1.57				.06	.86	1.26								1.13			.03	1.30						6.76
Laurens ‖	Saluda	.01				.40			1.20					.65						T			.94										3.20
Liberty	Savannah	T.			.01	.25		.15	1.85				.20	2.02						T.		T.	1.20	.40		.02	1.84						7.97
Little Mountain	Saluda					.18		.10	.60				.02	.06	.32					T.			.97				.83						3.08
Meriwether	Savannah																																
Monetta	Edisto					.17		.10	.10				.04	.03	.69					T.			.65	.19		.01	1.02						3.30
Newberry	Saluda							.25					.85	.15						.05			1.00				.80						3.16
Pelzer ‖	do	.06				.52			1.12	.04				.34	.92								.02	.84			1.32						5.18
Saluda	do					.20		.12	.52				.15	.25									.70				1.04						2.98
Santuck	Broad					.32		.12	.88				.08	.12	1.31					T.			.72	.10			.84						4.49
Spartanburg ‖	do	.15	T.			.45			1.75	.10				.23	1.58								T	.70			1.25	.03					6.24
Trenton	Edisto							.05	.65					T.	.24					T.			.66				1.10						2.70
Walhalla	Savannah	.02			.10	.34		.23	.74				.40	1.22	1.00								1.14			.04	1.55						6.78
Wimsboro	Broad					.28			.56	.10				.07	.46								1.16				.91	T.					3.54
Winthrop College	Catawba					.37		.11	.80					.06	.11									.85				.85						3.15

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR DECEMBER.

Year	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	44.9	76	18	4.65	10				ne.-e.
1888	42.7	71	13	3.56	7				
1889	55.4	79	17	0.53	1				sw.
1890	45.9			2.25					
1891	49.9			1.91					
1892	47.1	76	6	2.45					
1893	47.2	79	17	3.05	6	17	7	7	sw.
1894	48.1	85	−1	2.56	7	15	8	8	nw.
1895	46.1	80	15	3.04	6	16	7	8	nw.
1896	44.0	83	8	3.55	7	17	6	8	ne.
1897	47.6	82	21	2.40	8	11	8	12	ne.
1898	45.9	77	9	2.84	8	12	7	12	nw.
1899	44.6	79	11	2.33	7	15	8	8	nw.
1900	45.5	79	18	5.61	8	14	7	10	n.
1901	44.0	80	2	5.01	11	13	5	13	n.
1902	46.8	85	10	4.26	7	14	6	11	nw.
1903	41.0	72	10	1.95	6	20	5	6	w.
1904	45.5	78	16	2.79	9	14	5	12	w.
1905	45.2	77	16	7.25	10	12	4	15	ne.
1906	48.0	89	11	3.25	7	14	8	9	sw.
1907	46.2	75	12	5.81	10	11	7	10	w.
1908	50.6	83	23	2.84	7	13	9	9	w.
1909	42.8	84	7	2.81	7	17	7	7	nw.
1910	42.0	76	12	2.36	5	18	7	6	w
1911	49.8	85	18	4.94	9	11	7	13	ne.
1912	48.8	79	18	2.88	8	12	5	14	sw.
1913	47.8	77	16	4.25	9	10	7	14	w.
1914	43.9	86	11	4.80	13	6	6	19	ne.
1915	41.2	79	17	3.27	7	18	5	8	w.
1916	46.7	79	11	2.13	9	16	6	9	w.
1917	37.7	82	−6	1.47	6	15	6	10	ne.
1918	50.8	82	17	5.35	9	12	6	13	w.
1919	46.5	87	15	3.15	6	16	6	9	ne.
1920	46.1	75	18	4.01	8	15	5	11	w.
Period	46.3	89	−6	3.11	8	14	7	10	w.

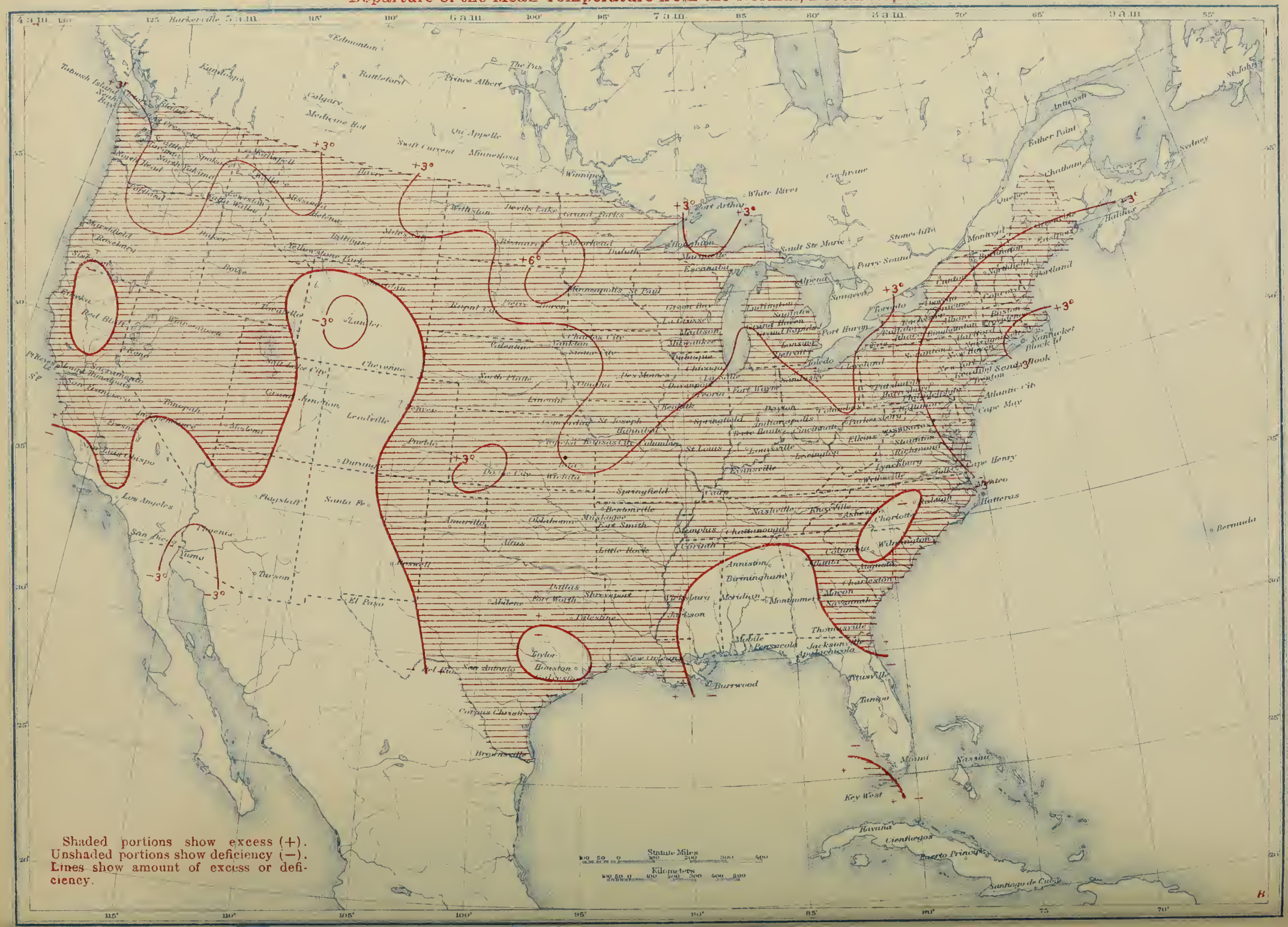
Daily Temperatures for December, 1920.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	50	57	57	68	70	65	63	62	51	51	56	60	63	72	60	63	51	57	52	46	58	62	70	60	42	48	60	54	48	54	56	57.6
	Minimum	44	37	37	42	47	34	40	42	36	35	37	40	52	55	42	39	40	33	34	43	38	41	47	38	30	33	38	41	30	36	38	39.3
Blackville	Maximum	65	68	64	64	63	70	68	47	46	50	59	64	62	65	68	70	68	60	60	64	70	48	48	41	40	48	59	55	50	61	65	59.0
	Minimum	38	33	35	38	37	39	38	40	34	32	30	39	36	37	37	39	39	34	30	33	36	38	40	40	29	31	56	30	25	26	28	35.4
Bowman	Maximum	60	65	68	70	71	65	60	57	52	56	62	62	65	72	72	55	60	55	52	53	61	58	65	68	60	55	50	50	50	60	65	60.5
	Minimum	40	30	29	32	35	29	42	40	32	10	25	33	40	42	37	30	34	28	35	35	36	40	47	40	25	35	37	35	22	30	32	34.4
Charleston	Maximum	62	62	62	66	65	63	63	64	49	56	58	61	68	69	65	50	59	52	50	52	62	70	68	51	47	61	63	54	50	58	62	59.4
	Minimum	45	39	45	54	51	46	54	41	39	45	39	48	54	48	42	39	42	36	42	44	45	49	51	40	35	40	49	40	34	36	38	43.5
Cheraw	Maximum	59	66	65	67	65	67	55	45	52	60	62	64	67	64	62	52	56	50	43	59	56	60	65	49	50	43	45	43	54	59	67	57.1
	Minimum	44	35	30	33	42	30	35	40	36	38	29	33	39	49	41	32	35	24	24	28	30	38	40	35	25	28	35	40	22	24	29	33.6
Conway	Maximum	61	64	67	75	67	63	59	49	42	56	60	60	72	68	63	50	57	49	48	56	53	70	65	45	48	63	57	46	56	65	65	58.7
	Minimum	41	38	33	39	39	33	38	47	37	40	32	33	43	52	40	37	30	27	30	41	37	42	42	37	29	36	38	34	28	29	32	36.6
Darlington §§	Maximum	61	68	70	68	66	57	....	45	45	60	63	64	69	67	63	52	59	53	...	57	55	62	68	.....	.....	.....	43	55	.....	.....	63	[f]59.7
	Minimum	45	30	47	48	31	44	42	....	36	40	30	35	44	52	43	35	40	29	27	...	32	40	42	38	.....	.....	.....	24	26	.....	.....	[f]37.5
Ferguson §§	Maximum	59	64	67	70	69	65	59	50	46	57	65	74	69	63	63	68	52	49	50	61	62	69	60	60	54	60	54	46	58	59	64	60.2
	Minimum	46	35	30	39	33	30	44	49	37	40	27	34	38	51	36	38	34	29	30	34	41	42	47	39	30	28	34	42	24	26	28	36.0
Florence 1	Maximum	64	67	64	65	66	68	67	45	49	60	60	65	68	64	62	52	50	50	46	55	55	50	50	40	39	40	34	40	57	59	65	55.4
	Minimum	40	35	34	15	51	47	40	36	35	35	33	38	40	50	42	36	33	28	30	38	37	42	40	30	32	34	32	30	27	28	34	36.5
Garnett	Maximum	64	63	70	73	68	67	60	62	51	57	60	68	75	70	65	58	59	54	50	57	64	72	62	54	51	53	61	54	56	60	66	61.4
	Minimum	45	34	30	42	48	31	48	46	31	36	28	36	50	54	37	38	35	35	33	41	36	47	53	37	29	37	41	41	25	26	....	[a]38.3
Georgetown	Maximum	64	66	67	72	68	60	60	51	50	50	61	65	72	69	68	52	58	48	48	53	60	68	68	46	45	53	65	55	55	42	68	58.9
	Minimum	47	36	34	35	42	35	35	40	36	35	33	35	40	50	41	36	37	36	28	35	39	40	35	35	29	30	37	39	27	25	30	35.9
Kingstree	Maximum	58	59	62	68	62	59	59	57	46	55	54	57	68	69	60	50	56	46	47	54	57	68	61	61	52	50	57	52	48	53	60	56.9
	Minimum	47	36	33	42	42	44	45	38	36	42	31	30	47	50	41	37	37	31	32	42	40	43	51	51	29	43	41	32	27	28	31	38.8
Oaks	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	48	37	32	42	....	33	43	...	37	....	30	32	46	....	43	....	45	27	31	43	48	53	.....	.....	.....	28	30	....	27	28	31	[i]36.6
Orangeburg 1	Maximum	57	65	68	70	66	64	59	55	47	57	60	60	73	70	62	57	56	54	47	57	60	69	61	57	57	47	59	51	55	59	67	59.5
	Minimum	43	34	31	40	50	32	46	41	35	42	28	33	46	51	37	37	37	30	30	41	36	42	52	37	29	28	37	40	25	26	34	37.2
Paris Island §§	Maximum	64	66	68	70	72	68	66	62	54	66	60	68	73	67	70	65	65	66	57	60	61	74	72	73	75	65	60	52	56	58	64	65.1
	Minimum	47	38	41	48	50	42	52	51	37	40	50	38	53	58	38	34	32	38	35	41	44	45	54	40	38	42	45	45	34	35	36	42.6
St. George	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Matthews	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Society Hill §§	Maximum	59	66	64	67	66	62	54	43	44	60	....	63	68	.....	....	65	57	.....	.....	.....	.....	.....	60	.....	61	.....	.....	47	.....	.....	67	[b]59.6
	Minimum	44	25	30	36	45	30	44	41	36	38	29	...	34	52	.....	.....	31	24	.....	.....	.....	.....	.....	31	.....	25	.....	.....	23	.....	.....	[m]34.3
Summerville	Maximum	63	66	69	72	68	67	60	64	49	57	62	67	73	69	66	52	60	55	49	53	65	72	68	54	50	58	63	58	57	61	66	61.7
	Minimum	48	33	33	47	47	34	43	45	37	42	31	36	50	52	36	38	36	29	32	40	41	48	52	39	29	31	37	37	28	28	31	38.3
Walterboro	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yemassee	Maximum	63	65	72	74	68	67	60	62	52	57	62	66	73	70	65	59	59	55	50	56	64	71	69	56	50	54	59	58	57	61	67	62.0
	Minimum	46	36	31	43	38	32	46	50	32	37	36	37	50	60	35	38	37	31	32	40	36	47	56	40	27	34	42	42	25	26	31	38.3
Western Portion.																																	
Aiken	Maximum	55	61	65	66	66	62	58	50	50	57	57	57	71	70	59	53	56	52	47	56	58	61	59	52	48	46	56	46	51	59	66	57.1
	Minimum	42	33	37	45	48	39	48	40	32	44	31	44	50	53	39	35	39	31	35	37	37	42	47	35	26	33	35	37	26	32	34	38.3
Anderson	Maximum	53	67	58	64	64	60	50	45	48	54	58	52	54	63	53	54	57	47	41	51	48	44	51	51	42	38	48	49	50	51	67	52.6
	Minimum	39	36	34	40	46	37	45	38	36	39	32	43	47	45	38	33	37	29	31	28	34	36	34	30	24	29	34	35	28	35	36	35.7
Batesburg	Maximum	53	61	64	65	64	60	53	46	44	55	57	45	68	67	59	49	52	46	43	54	57	53	60	50	46	40	45	45	51	49	65	53.7
	Minimum	41	35	37	43	48	40	45	37	35	42	32	31	48	47	42	34	40	30	31	33	35	39	42	34	32	33	34	35	26	34	37	37.2
Calhoun Falls §§	Maximum	53	62	65	59	61	58	53	43	49	54	58	52	64	55	53	51	53	47	42	54	50	59	52	50	41	41	47	41	50	55	65	52.8
	Minimum	39	30	30	30	38	31	33	39	31	35	29	30	42	48	38	33	33	30	32	28	29	32	39	32	23	22	32	34	22	22	28	32.0
Camden §§	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clemson College	Maximum	68	69	63	57	60	56	54	44	48	54	53	52	51	63	53	50	51	47	44	51	49	49	51	47	46	41	48	49	47	50	60	52.4
	Minimum	40	49	31	39	45	50	43	39	34	40	27	37	46	46	36	36	37	30	26	24	28	40	38	28	20	28	33	36	21	22	30	34.8
Columbia	Maximum	53	62	64	65	63	60	56	47	46	56	58	57	69	65	57	48	54	46	43	54	55	59	60	47	45	43	47	46	51	60	66	54.9
	Minimum	40	37	37	45	46	36	46	36	35	42	34	43	50	46	40	37	40	30	36	38	39	42	43	37	28	31	34	33	28	32	37	38.0
Greenville	Maximum	52	60	62	57	61	56	51	41	47	55	56	49	62	62	49	49	50	44	41	47	46	42	50	44	38	34	46	45	47	58	63	50.4
	Minimum	37	33	37	44	45	37	41	35	37	37	32	42	46	42	37	34	36	30	27	28	34	35	37	30	26	30	32	33	27	30	34	33.0
Greenwood	Maximum	52	59	62	62	60	55	53	40	46	53	54	51	65	56	53	52	50	51	45	40	50	50	50	50	48	42	39	45	44	48	53	50.9
	Minimum	40	33	32	43	45	35	40	33	36	31	30	45	47	40	34	33	33	29	29	29	29	30	36	31	22	25	31	35	21	24	30	33.4
Heath Spring	Maximum	59	58	62	62	63	61	59	45	45	54	56	58	59	63	63	52	58	49	49	58	55	54	55	53	44	45	42	40	51	55	64	54.5
	Minimum	42	35	36	36	49	36	45	36	32	36	35	35	33	53	34	33	39	28	28	30	32	37	41	32	26	32	33	38	26	31	34	37.7
Kershaw	Maximum	52	61	64	63	64	64	54	45	42	57	58	60	65	66	56	48	54	46	43	55	52	55	60	49	45	40	44	44	50	57	65	54.1
	Minimum	43	34	32	40	45	44	43	35	34	38	31	35	46	48	40	33	38	25	27	29	34	38	47	26	25	26	33	34	24	26	34	35.4
Landrum	Maximum	51	63	61	58	62	61	53	41	51	57	51	51	49	63	54	55	56	46	47	52	49	43	53	46	48	36	53	47	51	59	65	52.8
	Minimum	39	36	31	39	40	43	43	34	33	39	38	34	47	46	37	26	37	21	24	25	36	39	31	25	20	31	34	29	25	47	33.9	
Laurens §§	Maximum	53	59	61	62	63	59	53	40	49	46	50	54	69	57	55	50	54	45	40	50	46	47	53	.....	.....	.....	.....	49	50	52	64	[d]53.0
	Minimum	41	32	29	30	39	30	34	39	34	37	27	44	47	49	36	33	34	24	26	27	28	33	43	32	....	.....	.....	.....	22	24	28	[d]33.4
Liberty	Maximum	51	61	60	56	62	56	51	52	50	55	55	50	50	53	51	52	51	46	47	52	50	46	51	50	42	38	47	48	50	53	63	51.6
	Minimum	40	34	33	41	42	38	44	38	36	39	28	40	47	46	37	33	30	28	25	29	34	38	38	29	22	24	32	34	24	28	30	34.1
Little Mountain	Maximum	50	59	60	63	60	57	53	47	50	56	57	50	65	65	54	54	54	53	40	54	56	60	61	49	47	45	43	45	53	55	62	54.1
	Minimum	40	35	40	47	46	41	45	36	32	38	33	43	43	48	39	34	32	29	32	33	32	37	37	34	31	29	33	36	27	30	44	36.3
Meriwether	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monetta	Maximum	53	61	64	64	63	61	54	48	48	55	58	54	69	66	56	50	53	49	42	55	55	58	59	53	45	41	45	46	51	58	66	54.8
	Minimum	40	36	35	44	49	38	47	38	34	44	33	35	50	52	41	35	38	32	32	34	35	40	47	35	29	30	35	40	26	30	37	37.8
Newberry	Maximum	.....	.....	.....	69	.....	.....	.....	.....	.....	.....	60	62	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	47	40	....	46	47	....	45	37	35	33	34	....	...	...	36	30	32	33	35	33	...	34	35	34	33	32	30	35	24	27	30	[g]35.1
Saluda	Maximum	54	61	64	65	55	52	51	52	49	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	41	31	28	36	38	...	40	40	32	...	30	37	.....	.....	.....	30	30	...	29	28	30	27	29	...	28	20	25	...	24	24	.....	.....
Santuck	Maximum	53	66	63	64	63	58	55	46	50	58	56	53	61	67	55	51	55	48	40	53	48	44	53	50	45	39	44	45	51	53	57	53.0
	Minimum	43	36	29	36	47	28	40	37	35	41	26	35	47	49	38	34	40	21	35	24	25	37	39	30	22	22	33	38	21	24	25	33.5
Spartanburg	Maximum	51	61	59	60	60	58	54	46	49	55	55	54	52	63	45	47	54	46	41	51	47	43	54	47	41	35	46	46	48	54	63	51.1
	Minimum	41	34	33	39	39	42	44	36	35	40	32	38	47	48	37	30	35	24	25	26	30	35	39	30	22	25	31	35	24	26	32	34.0
Trenton	Maximum	52	57	63	63	62	62	54	48	48	54	56	53	69	67	55	48	52	48	46	56	56	58	59	56	45	42	44	45	48	56	59	54.2
	Minimum	40	35	35	44	41	41	41	32	32	32	31	42	49	49	40	34	39	30	35	34	34	40	40	34	26	31	34	38	26	33	36	36.2
Walhalla	Maximum	52	65	63	56	64	58	53	45	51	57	57	47	60	59	58	51	53	49	42	53	51	48	55	55	49	37	50	47	52	56	67	58.3
	Minimum	37	31	30	38	41	30	43	38	38	37	26	35	46	44	30	34	32	22	22	23	32	38	39	26	18	28	32	31	22	23	31	32.0
Winnsboro	Maximum	52	61	63	63	62	61	55	43	46	45	58	55	66	56	55	49	54	46	42	55	53	57	55	46	45	43	44	42	51	56	64	58.0
	Minimum	42	34	36	46	47	38	43	40	35	39	32	36	43	48	40	31	35	28	29	33	33	39	39	35	26	27	31	38	27	30	31	35.9
Winthrop College	Maximum	56	60	62	64	63	60	56	48	52	57	56	54	57	58	56	50	53	43	44	55	45	46	53	50	44	38	42	48	50	53	55	52.5
	Minimum	33	34	34	44	37	36	14	34	34	34	29	37	48	48	40	30	35	28	27	26	29	35	32	36	24	27	32	32	28	29	34	33.9

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

Departure of the Mean Temperature from the Normal, December, 1920.



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CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

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GENERAL SUMMARY.

Incident to subnormal temperatures during the principal months of the growing season, the year 1920 was colder than usual. Notwithstanding the fact that the average annual rainfall was the greatest since 1912, the flood losses in the various drainage basins were considerably less than for some years. Destructive tornadoes, thunderstorms, and hailstorms were quite numerous from April to August, with loss of life by lighting in July and August. One person was killed by a tornado in December.

January was somewhat warmer than usual, with rainfall near the average. During the period, February to August, inclusive, the temperatures ranged generally below normal, and February, March, and May were unseasonably cold, while the rainfall during March, April, and August was much above the average. September temperatures and rainfall ranged above normal, and October was unusually dry. November was relatively cool and wet, and the year closed with conditions near normal.

On account of the sustained cold weather during February, with abnormal rainfall in March and April and unseasonably low temperatures in May, all crops began the season with irregular growth, and 2 to 4 weeks late. By the close of May, however, much progress was made in all kinds of farm work, and vegetation averaged about 2 weeks late. Notwithstanding the reduced rainfall during June, with rather changeable temperature conditions, all crops made generally favorable progress, and the first cotton bloom of the season was only 9 days later than in 1919. Staple crops maintained good condition generally during July, and cultivation was carried on practically at a maximum. The wet weather of August was attended by some shedding, rust, and boll rot in cotton, and weevil ravages became much more noticeable in the central and southern counties; cotton picking began generally about the 20th, and the first bale was ginned on the 24th, or 6 days later than in 1919. The mild, wet weather of September caused some deterioration in cotton, and the boll weevil was taking the top crop in the central and southern counties. Cotton picking, plowing for winter cereal seeding, and other fall activities proceeded satisfactorily during the dry weather of October, but plowing conditions were rather unfavorable on account of dry soil. Plowing and winter grain sowing were materially retarded until the rains of the middle of November, and wheat sowing in extensive areas was in progress at the close of the month. Winter cereals and winter truck were in generally good condition during the closing month, which was mild and open, but much plowing and planting remained to be done, and considerable cotton up-State had not been picked.

The last general spring killing frosts occurred between April 6 and 14, and the first general autum killing frosts occurred on October 29, 30, and 31, and between November 12 and 19. The average latest spring killing frost date for 1920 was April 2, or 11 days later than normal, and the average earliest autumn killing frost date was November 8, or 2 days earlier than normal. The growing season was 220 days in length, or 13 days shorter than normal.

The mean annual temperature was 61.9°, or 1.0° below the 34-year normal. The warmest month was July, with a mean of 78.9°, or 0 9° below normal; the coldest month was February, with a mean of 42.8°, or 4.1° below normal. The highest annual mean at any station was 66.7° at Paris Island, Beaufort County; lowest annual mean, 58.7° at Laurens, Laurens County. The highest temperature was 105° at St. Matthews, Calhoun County, June 16; lowest temperature, 6° above zero at Walhalla, Oconee County, January 5.

Seasonal temperatures, with departures from the 34-year normals: Winter.—45.2°, —1.0°; spring.—60.4°, —2.4°; summer.—78.0°, —0.7°; autumn.—64.0°, +0.2°.

The average precipitation was 52.24 inches, or 4.49 inches above the 34-year normal. The greatest annual amount at any station was 77.57 inches at Walhalla, Oconee County; least annual amount, 33.50 at Orangeburg No. 2, Orangeburg County. The greatest monthy amount at any station was 15.40 inches at Santuck, Union County, in August; least monthly amount, 0.06 inch at Charleston in October. The average annual number of rainy days was 93; greatest number at any station, 132 at Greenville; least number, 62 at Cheraw, Chesterfield County.

Seasonal precipitation, with departures from the 34-year normals: Winter.—11.16 inches, —0.02 inch; spring.—13.63 inches, +3.33 inches; summer.—17.09 inches, +0.11 inch; autum.—9.80 inches, +0.53 inch.

During the growing season, March to September, inclusive, the total rainfall was 36.14 inches, or 4.94 inches above the 34-year normal.

The total annual snowfall ranged from Traces to 5.0 inches, and the snows were confined to the latter parts of January and February.

Freshets in the Pee Dee and Santee River Districts during portions of every month of the year were attended by unavoidable losses approximating $84,650, and the value of movable property saved by timely warnings has been conservatively estimated at $180,500.

The average annual atmospheric pressure, determined from reports of 8 regular Weather Bureau stations, was 30.07 inches. The highest pressure in the region covered by reports was 30.76 inches at Charlotte, N. C., on February 1, and in the section proper, 30.66 inches at Columbia on the same date; the lowest pressure was 29.33 inches at Wilmington, N. C., on September 30, and in the section proper, 29.37 inches at Greenville on April 5.

The average annual sunshine, determined from 8 automatic records, was 62% of the possible amount. The average annual number of clear days was 183; partly cloudy, 83, and cloudy, 100, as against normals of 171, 102, and 93 days, respectively.

The average annual relative humidity at 8 a. m. was 80%; at Noon, 58%, and at 8 p. m., 69%.

The prevailing wind was from the northeast. The average annual hourly velocity, determined from 8 anemometer records, was 7.9 miles. The highest velocity for any 5-minutes period during the year was 60 miles per hour from the west at Greenville on April 20.

WEATHER BY MONTHS.

January.—The month was somewhat warmer than usual, but was marked by a cold period between the 2d and the 6th, with mean temperatures 5° to 22° per day below normal, and a heat wave between the 19th and 24th, with daily means ranging 5° to 18° above the average. Precipitation was slightly above

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Climatological Data for the Year 1920.

Stations.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).							Number rainy days.	Sky.			Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for the year.	Greatest monthly.	Month.	Least monthly.	Month.	Total snowfall.		Number clear days.	Number partly cloudy days.	Number cloudy days.	
EASTERN PORTION.																				
Allendale	Barnwell	186	38	63.8	100	June 17	14	Jan. 5	39	46.82	7.32	Aug.	0.86	May	0	95	.....	.....	.....	ne.
Blackville	Barnwell	296	37	63.4	102	June 12†	13	Jan. 5	37	43.00	6.23	Aug.	0.50	Oct.	T.	68	213	76	77	.....
Bowman	Orangeburg	160	20	62.3	102	June 14	10	Jan. 5	20	54.82	10.65	Mar.	0.32	May	0	80	216	92	58	w.
Charleston	Charleston	48	50	64.9	98	July 3	18	Jan. 5	50	46.81	8.30	Sept.	0.06	Oct.	0	122	122	102	142	ne.
Cheraw	Chesterfield	144	39	61.7	101	June 16	9	Jan. 5†	39	46.81	11.51	Aug.	0.58	Oct.	0	62	.....	.....	.....	.....
Conway	Horry	25	24	62.9	101	June 16	10	Jan. 6	32	58.21	14.78	Aug.	1.05	Jan.	0	92	164	3	199	sw.
Darlington	Darlington	175	22	62.1	101	June 14	9	Jan. 5†	25	52.54	12.51	Aug.	0.80	Oct.	1.6	93	204	27	135	.....
Edisto ††	Bamburg	143	.....	.....	.....	.....	.....	.....	23	.....	9.42	Aug.	0.82	May	.....	.....	.....	.....	.....	.....
Effingham	Florence	106	.....	.....	.....	.....	.....	.....	30	56.94	12.23	July	6.64	Oct.	T.	87	.....	.....	.....	.....
Ferguson	Orangeburg	63	33	62.2	99	June 16	11	Jan. 5	35	47.87	9.47	Aug.	0.84	Oct.	0	92	.....	.....	.....	.....
Florence 1	Florence	136	39	63.1	102	June 13†	11	Jan. 5	39	52.10	9.19	July	0.82	Oct.	T.	92	190	84	92	ne.
Florence 2	Florence	136	4	.....	.....	.....	.....	.....	4	54.56	10.85	Sept.	0.17	Oct.	0	82	231	69	65	sw.
Garnett	Hampton	82	3	64.8	101	June 16†	43	Jan. 6	3	53.95	6.69	Feb.	0.73	Oct.	0.2	127	117	166	83	sw.
Georgetown	Georgetown	12	28	.....	101	June 16	13	Jan. 5	28	65.25	10.11	Aug.	0.20	Oct.	0	95	192	131	43	n.
Kingstree	Williamsburg	54	39	63.4	103	June 17	11	Jan. 6	39	49.79	11.24	Aug.	0.90	May	T.	89	229	18	119	w.
Oaks	Georgetown	.....	5	.....	100	June 30	10	Jan. 6	5	56.10	8.97	July	0.40	Oct.	T.	109	.....	.....	.....	s.
Orangeburg 1	Orangeburg	264	5	63.2	101	June 16	13	Jan. 4†	5	41.36	7.59	Mar.	0.56	May	T.	84	173	84	109	w.
Orangeburg 2	....do	...	.....	.....	.....	.....	....	.....	2	33.50	6.94	Mar.	0.30	May	T.	65	199	96	71	se.
Paris Island	Beaufort	13	36	66.7	100	July 4	16	Jan. 5	36	42.22	6.00	Sept.	0.31	Oct.	0	69	171	61	134	ne.
Pinopolis**	Berkeley	54	55	62.0	95	June 14†	15	Jan. 5†	72	61.15	11.73	Aug.	0.22	Oct.	T.	85	186	61	119	nw.
Rimini	Clarendon	97	.....	.....	.....	.....	.....	.....	10	56.09	10.03	Sept.	0.88	Oct.	0	92	.....	.....	.....	.....
St. George	Dorchester	169	39	.....	103	June 14	.....	.....	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Matthews	Calhoun	269	39	.....	105	June 16	11	Jan. 5	39	.....	11.04	Aug.	0.81	Oct.	0.2	.....	.....	.....	.....	.....
Society Hill	Darlington	192	30	60.9	100	June 12†	9	Jan. 5†	30	42.98	6.21	July	0.81	Oct.	0	100	215	59	92	s.
Summerville	Dorchester	75	23	64.2	100	June 16	12	Jan. 6	23	51.63	10.47	Aug.	0.15	Oct.	0	112	142	166	58	sw.
Walterboro	Colleton	69	18	.....	102	June 5	11	Jan. 6	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
White hall, near	Colleton	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.87	July	0.31	Oct.	T.	.....	.....	.....	.....	.....
Yemassee	Hampton	24	32	64.1	100	June 16	12	Jan. 6	32	48.69	6.36	July	1.59	Oct.	0	96	201	38	127	s.
Division means and extremes.		.....	.....	63.4	105	June 16	9	Jan. 5†	.....	50.05	12.51	Aug.	0.06	Oct.	T.	92	185	87	94	sw.
WESTERN PORTION.																				
Aiken	Aiken	527	57	64.1	98	June 13†	12	Jan. 5	59	47.42	9.20	Mar.	1.10	Oct.	0	95	242	11	113	ne.
Anderson	Anderson	764	21	.....	97	July 4	8	Feb. 16	25	55.09	8.69	Mar.	0.19	Oct.	T.	106	190	33	143	w.
Batesburg	Lexington	656	37	61.5	98	June 14†	10	Jan. 5	37	46.61	8.47	Mar.	0.72	Oct.	0	91	195	87	84	nw.
Blairs	Fairfield	293	.....	.....	.....	.....	.....	.....	18	53.11	13.57	Aug.	0.49	Oct.	0	93	.....	.....	.....	.....
Calhoun Falls	Abbeville	508	4	59.8	100	June 13†	9	Jan. 5	22	55.07	9.74	Mar.	0.32	Oct.	T.	102	160	108	98	e.
Camden	Kershaw	222	43	.....	.....	.....	.....	.....	73	42.96	7.58	Aug.	0.65	Oct.	0	90	.....	.....	.....	.....
Catawba	York	562	.....	.....	.....	.....	.....	.....	15	53.09	10.59	Aug.	1.27	Oct.	0	96	.....	.....	.....	.....
Chappells	Newberry	402	.....	.....	.....	.....	.....	.....	17	48.23	6.55	Aug.	1.53	May	0	86	.....	.....	.....	.....
Clemson College	Oconee	850	26	59.5	93	June 16	9	Jan. 5	29	67.63	10.11	Mar.	0.28	Oct.	T.	91	163	108	95	sw.
Columbia	Richland	351	34	62.5	100	June 16	13	Jan. 5	34	39.84	7.68	Aug.	0.58	Oct.	T.	103	134	109	123	ne.
Edgefield	Edgefield	.....	.....	.....	.....	.....	.....	.....	8	49.32	9.36	Mar.	1.33	Oct.	T.	91	.....	...	.....	.....
Gaston Shoals††	Cherokee	680	.....	.....	.....	.....	.....	.....	19	62.87	13.93	Aug.	0.30	Oct.	T.	121	.....	.....	.....	.....
Greenville	Greenville	989	37	59.2	94	June 13	12	Jan. 5	37	59.37	8.26	Mar.	0.53	Oct.	0.5	132	143	102	121	ne.
Greenwood	Greenwood	671	37	59.7	98	June 10	10	Jan. 5†	37	54.17	7.97	Mar.	0.65	Oct.	0	87	193	15	158	w.
Heath Spring	Lancaster	568	19	61.7	99	June 16	9	Jan. 5	19	49.02	8.09	Aug.	1.23	May	T.	72	169	85	112	w.
Kershaw	Kershaw	500	5	61.2	99	June 16	10	Jan. 5	5	46.29	7.73	Aug.	1.13	May	0	95	213	28	125	w.
Landrum	Spartanburg	1063	6	59.2	96	June 11†	10	Jan. 6	6	76.75	10.66	Apr.	0.31	Oct.	2.7	108	190	85	91	w.
Laurens	Laurens	589	3	58.7	97	June 15†	7	Jan. 5	3	55.06	10.43	Aug.	1.19	Oct.	T.	68	.....	.....	.....	.....
Liberty	Pickens	900	21	60.2	98	June 12	8	Jan. 5	21	67.07	13.40	Apr.	1.63	Oct.	1.5	130	157	129	80	sw.
Little Mountain	Newberry	711	28	61.6	99	June 16	10	Jan. 5	28	46.32	11.21	Aug.	0.80	Oct.	T.	84	221	41	104	w.
Meriwether	Edgefield	450	18	.....	102	June 13†	12	Jan. 5	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monetta	Saluda	400	14	62.6	100	June 14†	12	Jan. 5†	14	46.82	8.73	Mar.	0.62	Oct.	T.	113	120	175	71	ne.
Newberry	Newberry	502	17	.....	104	June 16	10	Jan. 5	17	46.77	7.98	Aug.	0.70	Oct.	T.	92	180	100	86	sw.
Pelzer	Anderson	850	.....	.....	.....	.....	.....	.....	16	65.48	8.78	Mar.	0.76	Oct.	0	121	.....	.....	.....	.....
Saluda	Saluda	536	19	.....	102	June 15	11	Jan. 5	19	50.35	7.46	Mar.	0.66	Oct.	T.	103	240	51	75	w.
Santuck	Union	512	28	59.7	98	June 16	8	Jan. 5	28	57.04	15.40	Aug.	0.57	Oct.	1.5	106	161	111	94	e.
Spartanburg	Spartanburg	875	44	59.9	99	June 16	8	Jan 5	42	60.64	8.92	Aug.	0.14	Oct.	5.0	110	.....	.....	.....	.....
Trenton	Edgefield	620	28	.....	99	June 16	13	Jan. 5	28	43.97	8.03	Mar.	0.75	Oct.	T.	71	182	94	90	w.
Walhalla	Oconee	1061	19	59.2	97	June 12†	6	Jan. 5	22	77.57	14.74	Aug.	0.80	Oct.	1.0	131	176	93	97	sw.
Winnsboro	....do	.....	26	.....	101	June 15†	8	Jan. 5	30	.....	.....	.....	.....	.....	T.	.....	.....	.....	.....	.....
Winthrop College ††	York	690	21	60.7	101	June 16	7	Jan. 5	20	51.55	9.83	Aug.	0.21	Oct.	0	95	185	82	89	n
Division means and extremes.		.....	.....	60.6	104	June 16	6	Jan. 5	.....	53.93	15.40	Aug.	0.14	Oct.	0.4	88	180	82	104	ne.
Section means and extremes.		.....	.....	61.9	105	June 16	6	Jan. 5	.....	52.24	15.40	Aug.	0.06	Oct.	0.2	93	183	83	100	ne.

† On other dates also.
** Temperature data are from observed readings of the dry bulb; means are computed from observed readings.
†† Postoffice addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

Monthly and Annual Precipitation for the Year 1920, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
EASTERN PORTION.																										
Allendale	2.29	−0.69	4.41	+0.26	6.23	+1.41	5.87	+3.29	0.86	−2.51	2.37	−3.03	5.09	−0.26	7.32	+1.56	4.30	+0.41	1.40	−1.38	2.83	+1.17	3.85	+1.09	46.82	+2.32
Blackville	2.21	−0.73	3.60	−0.87	5.61	+1.92	4.85	+1.55	0.55	−2.91	4.05	−1.57	3.35	−1.97	6.23	+0.46	5.00	+0.63	0.50	−2.48	3.10	+1.05	3.95	+0.47	43.00	−4.45
Bowman	1.44	−1.68	4.46	+0.23	10.65	+6.46	5.54	+2.06	0.32	−3.09	4.97	−0.77	7.46	+1.92	8.85	+5.93	3.17	−0.29	0.88	−1.87	2.36	+0.39	4.72	+1.20	54.82	+7.19
Charleston	1.60	−1.85	2.61	−0.90	4.65	+0.93	7.40	+4.41	1.96	−1.51	2.45	−2.94	4.69	−2.57	7.02	+0.05	8.30	+2.84	0.06	−3.87	3.07	+0.20	3.00	−0.15	46.81	−5.26
Cheraw	3.30	+0.48	3.93	−0.39	5.00	+1.28	3.70	+0.88	0.82	−2.72	4.23	−1.03	3.85	−1.97	11.51	+4.74	3.38	−0.25	0.58	−2.27	2.98	+0.79	3.53	+0.27	46.81	−0.19
Conway	1.05	−2.36	6.00	+1.41	5.06	+1.36	5.16	+2.25	1.10	−2.26	2.50	−2.57	7.60	+1.11	14.78	+7.72	7.08	+2.23	1.33	−2.17	3.34	+1.06	3.21	+0.01	58.21	+7.79
Darlington	3.49	−0.99	3.16	−1.44	4.70	+1.39	4.56	+1.65	1.40	−1.95	2.10	−3.63	4.04	−0.79	12.51	+7.56	9.37	+5.54	0.80	−2.54	3.06	+0.78	3.35	+0.56	52.54	+7.88
Edisto	2.57	−0.50	4.45	−0.56	7.17	+3.11	5.09	+1.94	0.82	−2.21	2.11	−4.48	3.75	−1.89	9.42	+3.08	8.99	+5.34	1.43	−0.94	.....	.....	.....	.....	.....	.....
Effingham	1.98	−1.42	3.77	−1.66	5.11	+1.04	4.98	+1.80	0.99	−2.38	5.46	−0.79	12.23	+7.75	7.11	+0.71	8.89	+5.37	0.64	−2.41	2.97	+0.73	2.81	−0.49	56.94	+8.14
Ferguson	2.28	−1.06	4.34	+0.26	6.52	+3.13	2.77	−0.03	0.84	−3.33	2.38	−3.46	5.70	−0.22	9.47	+2.15	4.49	+0.69	0.84	−2.15	3.45	+1.07	4.79	+1.76	47.87	−1.20
Florence 1	1.72	−1.02	4.18	−0.22	4.14	+1.19	4.81	+2.04	1.14	−2.41	5.74	+0.33	9.19	+3.79	5.63	+0.13	7.41	+3.34	0.82	−1.30	3.51	+1.40	3.81	+1.03	52.10	+7.30
Florence 2	2.05	−0.91	3.94	−0.46	4.19	+1.24	7.45	+4.68	1.29	−2.26	4.51	−0.90	6.81	+1.41	6.28	+0.78	10.85	+6.78	0.17	−1.95	3.12	+1.01	3.90	+1.12	54.56	+9.76
Garnett	2.92	.....	6.69	.....	5.19	.....	5.60	.....	2.08	.....	4.23	.....	6.06	.....	4.88	....	6.39	.....	0.73	.....	4.44	.....	4.74	.....	53.95	.....
Georgetown	1.75	−1.60	6.99	+3.45	5.25	+1.80	9.06	+5.76	3.87	+0.93	6.57	+0.68	5.12	−1.83	10.11	+3.07	7.40	+3.23	0.20	−3.48	3.75	+1.32	5.18	+1.63	65.25	+13.96
Kingstree	2.01	−0.96	4.05	−0.18	6.95	+3.50	3.74	+1.08	0.90	−2.25	1.17	−4.25	5.95	+0.25	11.24	+4.74	5.68	+1.85	2.44	−0.40	2.50	+0.32	3.16	+0.04	49.79	+3.84
Oaks	1.00	.....	6.87	.....	6.43	.....	3.96	.....	1.63	.....	5.21	.....	8.97	.....	8.07	.....	8.46	.....	0.40	....	2.06	.....	3.04	.....	56.10	.....
Orangeburg 1	2.62	.....	3.78	.....	7.59	.....	4.19	.....	0.56	.....	1.85	.....	4.65	.....	4.08	.....	5.70	....	1.16	.....	2.42	.....	3.36	.....	41.36	.....
Orangeburg 2	2.09	.....	3.47	.....	6.94	.....	3.08	.....	0.30	.....	1.25	.....	3.98	.....	4.60	.....	3.14	.....	0.41	.....	1.60	.....	2.64	.....	33.50	.....
Paris Island	1.38	−1.48	2.18	−1.71	2.16	−1.35	4.17	+1.80	1.53	−1.63	3.01	−2.06	5.20	−0.87	4.75	−2.41	6.00	+0.77	0.31	−3.01	5.30	+3.06	6.23	+3.43	42.22	−5.38
Pinopolis	2.58	−0.52	4.57	−0.95	5.66	+2.01	5.98	+3.01	2.48	−1.37	3.05	−2.88	6.01	−0.27	11.73	+3.64	10.48	+5.89	0.22	−2.91	4.90	+2.35	3.49	+0.30	61.15	+11.78
Rimini	2.62	.....	4.85	.....	7.60	.....	4.58	.....	3.62	.....	1.50	.....	8.20	.....	6.25	.....	10.03	.....	0.88	.....	2.67	.....	3.29	.....	56.69	.....
St. George	2.11	−0.56	3.47	−0.68	7.72	+4.19	8.49	+5.63	1.22	−1.96	2.93	−2.50	8.95	+2.94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Matthews	2.63	−0.43	2.90	−2.04	3.74	+0.22	4.67	+1.63	0.67	−1.64	2.15	−3.82	5.43	+0.02	11.04	+5.31	8.67	+5.03	0.81	−1.88	2.48	+0.34	....	.....	.....	.....
Society Hill	2.74	−0.17	3.53	−1.23	5.72	+1.36	4.66	+1.37	1.08	−2.14	2.78	−3.05	6.21	+0.02	5.16	−0.80	5.07	+1.05	0.81	−2.32	2.53	+0.26	2.69	−0.57	42.98	−5.22
Summerville	1.60	−1.50	5.02	+0.58	5.35	+1.92	5.57	+2.09	2.47	−0.54	1.64	−4.12	6.05	+0.03	10.47	+2.45	5.73	+1.40	0.15	−3.79	3.68	+1.33	3.90	+0.35	51.63	+0.21
Walterboro	1.85	−1.07	6.49	+2.17	5.13	+1.27	5.52	+2.19	0.76	−5.42	5.75	−1.59	.....	.....	5.46	−1.55	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitehall, near	....	.....	3.17	.....	4.51	.....	4.67	.....	1.32	.....	2.77	.....	7.87	.....	4.96	.....	7.33	.....	0.31	.....	3.27	.....	.....	.....	.....	.....
Yemassee	2.72	−0.07	4.78	+0.75	6.03	+2.46	5.60	+2.77	1.89	−1.41	4.12	−2.06	6.36	−0.39	4.54	−2.15	3.41	−0.83	1.59	−1.34	3.41	+1.35	4.24	+1.03	48.69	+0.01
Division means and departures.	2.15	−0.83	4.34	−0.05	5.75	+2.14	4.97	+1.91	1.39	−1.98	3.14	−2.68	6.07	+0.21	7.97	+1.43	6.73	+2.49	0.76	−2.58	3.08	+1.02	3.78	+0.59	50.65	+1.46
WESTERN PORTION.																										
Aiken	4.10	+0.50	3.72	−0.36	9.20	+5.19	4.57	+1.45	1.78	−2.89	4.17	−0.50	3.53	−1.17	3.53	−2.10	5.28	+1.94	1.10	−1.56	3.30	+0.59	3.14	−0.61	47.42	+1.69
Anderson	5.14	+1.39	4.08	−1.20	8.59	+3.56	5.58	+2.31	2.33	−0.31	3.55	−1.14	5.27	−0.26	5.47	−0.67	5.23	+1.83	0.19	−2.67	4.62	+1.82	5.04	+0.26	55.09	+4.92
Batesburg	4.29	+1.04	2.96	−2.92	8.47	+3.90	3.79	+0.70	1.59	−1.83	3.19	−1.89	6.13	+1.00	5.24	−0.78	3.54	−0.35	0.72	−2.53	3.77	+1.19	2.62	−1.34	46.61	−3.81
Blairs	4.90	+1.79	3.89	−0.01	7.26	+3.69	3.80	+1.69	1.34	−2.20	2.51	−2.53	3.75	−1.25	13.57	+8.94	4.28	+1.46	0.49	−2.21	3.68	+1.34	3.64	−0.36	53.11	+11.27
Calhoun Falls	5.66	+2.31	3.86	−1.30	9.74	+4.92	4.00	+0.42	4.77	−1.24	2.74	−2.13	4.06	−0.68	6.92	+2.06	3.65	−0.35	0.32	−2.53	4.91	+1.60	4.44	+0.02	55.07	+6.58
Camden	4.59	+1.20	2.11	−1.84	5.85	+2.06	5.27	+1.69	0.95	−2.31	1.30	−3.21	4.24	−0.84	7.58	+2.15	3.58	−0.17	0.65	−2.63	2.73	+0.28	4.11	+0.65	42.96	−1.75
Catawba	3.75	+0.55	4.38	−0.13	5.99	+1.86	5.57	+3.17	1.62	−1.70	3.16	−2.27	5.83	+0.09	10.59	+5.22	4.02	+0.81	1.27	−2.36	3.83	+1.39	3.08	−1.22	53.09	+5.41
Chappells	6.23	+3.38	4.80	+1.09	6.46	+2.90	4.80	+2.60	1.53	−1.60	2.05	−2.23	5.06	+0.79	6.55	+1.05	2.50	−0.56	1.70	−1.11	3.42	+1.03	3.13	−1.64	48.23	+6.30
Clemson College	6.84	+2.29	3.88	−1.54	10.11	+5.27	7.55	+3.77	3.12	−0.29	5.43	+0.49	5.95	+0.72	8.95	+3.48	4.68	+0.46	0.28	−3.06	4.51	+1.75	6.33	+1.20	67.63	+14.54
Columbia	3.18	−0.11	2.82	−1.89	5.72	+2.02	3.41	+0.55	1.24	−1.95	2.16	−2.02	3.36	−2.70	7.68	+0.90	4.17	+0.72	0.58	−2.27	3.26	+1.03	2.26	−0.64	39.84	−6.36
Edgefield	5.30	.....	4.04	.....	9.36	.....	4.05	.....	1.87	.....	1.85	.....	5.12	.....	4.47	.....	5.98	.....	1.33	.....	3.23	.....	2.72	.....	49.32	.....
Gaston Shoals	3.45	−0.39	3.51	−0.89	6.55	+1.84	7.29	+4.07	2.07	−0.90	3.67	−1.60	5.14	−2.84	13.93	+8.47	4.51	+1.54	0.30	−2.49	6.99	+4.42	5.46	+0.78	62.87	+12.01
Greenville	5.83	+1.58	3.42	−1.86	8.26	+2.76	7.18	+3.50	1.62	−2.70	6.11	+0.90	7.90	+2.48	5.96	−0.12	2.65	−0.26	0.53	−2.43	4.52	+1.34	5.39	+0.64	59.37	+4.82
Greenwood	5.15	+1.56	5.61	+0.80	7.97	+3.90	4.40	+1.47	2.65	−0.97	2.71	−1.59	7.30	+1.21	6.04	+0.76	2.88	−0.91	0.65	−2.17	4.90	+2.15	3.91	−0.57	54.17	+6.88
Heath Spring	4.95	+1.70	1.72	−2.56	5.77	+2.10	3.00	+0.07	1.23	−1.97	4.11	−1.50	6.41	+2.16	8.09	+1.74	5.12	+1.94	1.55	−1.68	3.28	+0.71	3.79	−0.47	49.02	+2.84
Kershaw	4.71	.....	2.70	.....	5.71	.....	2.56	.....	1.13	.....	4.86	.....	4.94	.....	7.73	.....	3.17	.....	1.52	.....	3.32	.....	3.94	.....	46.29	.....
Landrum	5.53	.....	4.10	.....	8.53	.....	10.66	.....	3.18	.....	6.38	.....	6.32	.....	9.92	.....	9.43	.....	0.31	.....	5.63	.....	6.76	.....	76.75	.....
Laurens	3.25	.....	4.37	.....	7.60	.....	4.02	.....	2.25	.....	3.55	.....	4.92	.....	10.43	.....	4.17	.....	1.19	.....	6.11	.....	3.20	.....	55.06	.....
Liberty	5.95	+1.68	1.91	−3.88	9.97	+4.56	13.40	+8.77	2.88	−1.51	5.99	+0.59	3.90	−1.90	6.76	0.00	1.81	−2.25	1.63	−2.13	4.90	+2.11	7.97	+1.76	67.67	+7.80
Little Mountain	4.50	+1.44	4.02	−0.77	5.57	+1.70	2.88	−0.29	1.93	−0.92	2.36	−2.25	2.57	−2.17	11.21	+5.91	4.16	+1.18	0.80	−2.21	3.24	+0.73	3.08	−0.21	46.32	+2.16
Meriwether	4.46	+1.52	3.53	−1.05	8.11	+3.65	3.89	+0.72	3.04	+0.56	2.51	−2.22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monetta	3.87	+0.63	3.96	−0.87	8.73	+4.86	3.56	+0.93	1.55	−0.91	3.80	−1.88	7.35	+2.99	3.23	−0.35	3.64	+0.06	0.62	−2.72	3.21	+1.04	3.30	−0.01	46.82	+2.39
Newberry	5.38	+1.93	4.64	+0.50	7.27	+3.32	3.45	+0.68	2.15	−0.81	2.83	−1.53	2.50	−1.94	7.98	+2.54	4.05	+1.02	0.70	−2.05	2.72	−0.25	3.10	−1.82	46.77	+1.09
Pelzer	5.12	+1.38	3.94	−0.54	8.78	+3.98	6.38	+2.84	2.04	−0.70	6.28	+1.76	9.64	+4.31	8.22	+3.73	4.02	+0.81	0.76	−2.55	5.12	+2.57	5.18	−0.28	65.48	+16.34
Saluda	5.21	+1.88	4.35	−0.39	7.46	+3.40	4.81	+2.34	2.13	−0.41	5.42	+0.40	4.57	+0.36	5.16	−0.71	4.19	+0.89	0.66	−2.38	3.41	+0.88	2.98	−1.03	50.35	+5.23
Santuck	4.40	+0.94	4.58	−0.36	7.83	+3.37	4.34	+1.06	1.72	−1.23	3.34	−0.89	3.04	−1.91	15.40	+9.58	2.60	−1.17	0.57	−2.68	4.73	+1.92	4.49	+0.21	57.04	+9.14
Spartanburg	4.63	+1.47	3.84	−0.92	7.21	+2.26	7.34	+4.27	2.72	−1.31	3.62	−1.19	6.80	+2.55	8.92	+3.16	4.19	+0.88	0.14	−2.53	4.99	+2.12	6.24	+2.24	60.64	+12.76
Trenton	4.63	+1.47	3.48	−1.94	8.03	+3.60	4.42	+1.09	2.37	−0.49	2.68	−1.99	4.35	−1.30	2.81	−3.67	4.47	+1.10	0.75	−2.55	3.28	+0.70	2.70	−1.29	43.97	−5.17
Walhalla	6.91	+2.72	4.78	−0.44	9.27	+3.25	10.06	+5.44	3.56	−0.47	5.02	−0.18	6.04	+0.08	14.74	+8.72	6.96	+1.54	0.80	−2.16	2.65	+0.24	6.78	+2.42	77.57	+21.13
Winnsboro	4.62	+1.34	3.88	−0.40	5.49	+1.40	3.22	+0.45	1.63	−1.47	8.38	−1.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.54	+0.05	.....	.....
Winthrop College	8.00	+4.98	4.65	−0.53	6.15	+2.20	4.31	+1.29	1.16	−3.00	2.53	−2.85	3.95	−0.94	9.83	+4.02	4.17	+0.89	0.21	−2.70	3.44	+1.08	3.15	−1.44	51.55	+3.06
Division means and departures.	4.98	+0.19	3.79	−0.00	7.63	+3.26	5.28	+2.02	2.33	−1.11	3.65	−1.23	4.85	+0.47	8.17	+2.56	4.24	+0.61	0.77	−2.21	4.06	+1.46	4.18	−0.20	53.93	+5.26
Section means and departures.	3.66	+0.22	4.05	−0.30	6.73	+2.83	5.13	+2.21	1.77	−1.69	3.41	−1.54	5.60	−0.36	8.08	+1.95	5.42	+1.48	0.76	−2.29	3.62	+1.34	4.01	+0.60	52.24	+4.49

The departures from the normal precipitation are computed only for such stations as have ten or more years of record.

Monthly and Annual Mean Temperatures for the Year 1920, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
EASTERN PORTION.																										
Allendale	48.8	+1.1	46.4	−1.8	53.8	−3.9	63.4	−0.9	69.7	−3.5	78.8	−0.2	80.4	−3.4	79.0	−1.3	77.5	+1.5	[a]64.1	−0.7	54.7	−0.6	48.4	+1.3	63.8	−1.0
Blackville	48.1	+1.0	46.0	−1.2	52.6	−5.5	62.8	−1.1	70.4	−2.9	79.4	−0.1	81.0	−0.7	79.6	−0.9	77.0	+1.4	64.0	−0.4	52.6	−2.9	47.2	−0.1	63.4	−1.1
Bowman	49.2	+1.2	44.2	−3.2	53.0	−5.2	62.2	−1.3	68.1	−4.2	78.0	0.0	78.1	−2.3	77.6	−1.8	75.2	0.0	63.4	−0.8	51.3	−2.9	47.4	0.0	62.3	−1.7
Charleston	51.0	+1.7	48.2	−3.6	54.6	−2.6	64.0	+0.2	68.8	−3.6	78.4	−0.1	80.0	−1.3	80.2	−0.1	77.8	+1.6	67.5	+0.4	57.4	−0.7	51.4	+0.1	64.9	−0.7
Cheraw	43.6	+0.2	42.8	−1.9	53.0	−0.7	60.8	−0.6	66.9	−3.9	78.2	+0.8	78.3	−1.9	78.6	+0.3	76.8	+3.7	64.6	+3.0	51.3	−0.7	45.4	+1.7	61.7	0.0
Conway	48.6	+0.5	45.4	−1.9	53.6	−3.2	62.2	−0.6	66.2	−4.8	[b]77.5	+0.4	79.2	−0.9	78.4	−0.9	76.8	+2.0	65.3	+1.1	54.2	+0.1	47.6	−0.3	62.9	−0.7
Darlington	43.6	−2.0	42.8	−1.8	52.7	−3.6	61.8	+0.1	66.2	−5.2	[d]78.2	−1.3	78.9	−1.1	[a]78.6	−0.2	[b]76.5	+2.2	[c]64.3	+0.9	[c]53.0	+0.9	[c]48.8	+3.6	62.1	−0.4
Ferguson	46.8	−0.5	43.6	−4.1	52.2	−4.1	61.9	−0.2	68.0	−3.0	77.2	+0.1	79.0	−0.4	78.4	+0.2	75.4	+1.4	63.1	−0.2	52.8	−2.3	48.1	−0.1	62.2	−1.1
Florence 1	46.3	+1.3	44.6	1.0	53.7	−2.1	63.4	+1.0	68.6	−3.7	78.9	+0.2	80.0	−1.4	79.6	−0.6	76.8	+2.1	66.0	+2.4	53.5	−0.3	46.0	+1.1	63.1	−0.1
Garnett	51.6	.....	47.9	.....	55.6	.....	65.2	.....	[b]70.8	.....	78.6	.....	80.4	.....	79.6	.....	77.6	.....	64.7	.....	55.5	.....	[c]49.8	.....	64.8	.....
Georgetown	52.4	+4.0	.....	.....	51.8	−3.1	62.4	−1.1	67.6	−4.6	77.5	−1.1	79.0	−1.6	78.8	−1.3	77.6	+1.7	65.9	+0.5	54.2	−1.8	47.4	−1.6	.....	.....
Kingstree	49.6	+2.1	45.6	−1.5	53.4	−3.9	64.4	+1.3	68.8	−3.0	79.1	+1.0	80.6	+0.2	79.7	+0.3	76.6	+2.1	63.2	−0.9	52.2	−2.6	47.8	+0.1	63.4	−0.6
Oaks	.....	.....	.....	.....	.....	.....	.....	.....	[c]66.6	.....	[c]78.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orangeburg 1	48.0	.....	46.6	.....	53.9	.....	63.7	.....	68.6	.....	78.2	.....	79.4	.....	78.4	.....	76.2	.....	63.5	.....	53.8	.....	48.4	.....	63.2	.....
Paris Island	53.4	+3.0	50.1	−1.3	55.6	−3.2	66.2	+1.5	71.2	−2.3	[b]79.4	+0.1	82.0	+0.9	81.8	+1.0	79.6	+2.4	69.1	+1.7	58.6	0.0	53.8	+2.0	66.7	+0.3
Pinopolis	48.3	+1.0	44.9	−3.2	[f]55.8	−1.6	61.8	−0.6	66.3	−4.7	74.8	−1.8	76.9	−1.5	76.5	−1.4	76.0	+1.8	63.0	−1.2	52.9	−1.7	[f]47.2	−0.2	62.0	−1.3
St. George	.....	.....	.....	.....	[b]57.4	−0.5	64.0	0.0	70.8	−1.9	79.4	+0.8	80.1	−0.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Matthews	.....	.....	.....	.....	.....	.....	64.1	+1.1	69.4	−2.4	79.5	+1.7	80.0	−0.2	78.6	−0.7	.....	.....	64.8	+0.9	.....	.....	.....	.....	.....	.....
Society Hill	43.0	−0.9	42.0	−2.4	52.2	−3.0	60.8	−1.0	[b]65.5	−5.5	76.7	−0.4	[a]77.6	−1.9	[d]77.4	−1.6	74.6	+1.4	63.8	+2.0	[c]49.8	−2.2	[m]47.0	+1.4	60.9	−1.1
Summerville	50.6	+1.6	47.3	−1.5	[a]55.6	−3.1	63.7	+0.4	68.2	−3.8	77.6	+0.2	[a]78.4	−1.5	79.7	+0.4	77.6	+2.6	65.8	+0.9	55.6	+0.2	50.0	+1.1	64.2	−0.2
Walterboro	[f]49.0	−2.1	[f]41.6	−5.8	[a]51.3	−6.5	64.6	−0.6	.....	.....	.....	.....	.....	.....	[c]79.8	−0.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yemassee	50.7	+2.8	47.3	−1.1	54.8	−3.4	64.2	+0.4	69.1	−3.7	77.2	−1.4	79.0	−2.2	78.8	−1.3	77.2	+1.7	64.5	−0.6	55.7	+0.6	50.2	+2.5	64.1	−0.4
Division means and departures.	48.6	+1.3	45.6	−1.7	54.0	−3.2	63.2	+0.2	68.1	−4.0	78.2	+0.2	79.4	−0.9	78.9	−0.6	76.8	+1.8	65.0	+0.8	53.9	−0.8	48.5	+1.1	63.4	−0.4
WESTERN PORTION.																										
Aiken	49.0	+3.1	44.8	−1.2	54.4	−1.8	63.3	+0.4	69.4	−1.9	78.4	+0.8	79.5	−0.7	78.8	+0.2	76.6	+2.5	65.4	+2.1	53.6	−0.3	47.7	+0.5	64.1	+0.8
Anderson	[f]43.2	−1.5	.....	.....	.....	.....	58.6	−2.7	66.6	−4.0	76.4	0.0	.....	.....	75.3	−3.3	[c]74.5	+0.3	.....	.....	[f]51.7	−1.1	44.2	+0.2	.....	.....
Batesburg	45.2	−0.2	42.7	−2.1	52.5	−2.6	60.8	−0.6	68.0	−3.5	77.5	−0.3	77.8	−2.2	77.2	−1.5	75.0	+1.1	64.6	+1.5	51.5	−2.2	45.4	−0.3	61.5	−1.1
Calhoun Falls	43.1	.....	41.4	.....	49.5	.....	57.6	.....	67.0	.....	76.4	.....	78.9	.....	76.9	.....	74.2	.....	61.6	.....	48.8	.....	42.4	.....	59.8	.....
Camden	15.8	−0 4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clemson College	43.8	+1.5	42.8	+0.4	48.8	−3.8	58.8	−0.6	[a]65.6	−3.6	74.8	−1.0	77.5	−0.3	75.4	−2.3	73 0	+0.2	60.4	−0.9	[a]49.0	−1.4	43.6	+1.0	59.5	−0.9
Columbia	45.8	+0.7	44.0	−3.8	53.2	−0.8	61.8	−1.0	68.2	−3.6	78.2	+0.4	80.0	−1.1	78.6	−0.9	76.0	+2.3	64.8	+0.8	52.4	−1.4	46.4	−0.7	62.5	−0.7
Greenville	41.4	+0.7	40.7	+0.2	49.6	−1.0	57.4	−0.9	66.2	−1.3	75.0	+0.6	76.6	−0.4	74.3	−1.2	72.8	+1.9	63.0	+3.1	50.1	−1.4	42.7	+1.5	59.2	+0.4
Greenwood	42.7	−0.1	41.0	−2.0	49.5	−3.7	59.2	−1.9	66.3	−5.0	76.2	−1.6	77.0	−3.0	76.0	−1.7	71.2	+0.8	63.2	+1.2	51.1	−0.9	42.2	+1.0	59.7	−1.9
Heath Spring	[j]46.4	+3.3	41.8	−0.2	51.8	−2.3	61.1	+0.7	67.5	−3.3	76.3	−0.8	79.0	−1.4	76.6	−2.8	75.4	+1.6	64.6	+3.1	[j]54.9	+4.0	44.9	+2.9	61.7	+0.4
Kershaw	4.49	.....	42.5	.....	51.6	.....	60.8	.....	67.2	.....	77.0	.....	78.6	.....	77.0	.....	75.1	.....	63.8	.....	50.9	.....	44.8	.....	61.2	.....
Landrum	42.2	.....	41.4	.....	48.7	.....	57.8	.....	65.4	.....	74.6	.....	77.0	.....	74.5	.....	72.7	.....	62.8	.....	50.2	.....	43.4	.....	59.2	.....
Laurens	[b]41.8	.....	40.2	.....	48.3	.....	[a]57.0	.....	[a]65.6	.....	75.0	.....	77.4	.....	75.8	.....	[a]72.2	.....	60.0	.....	47.7	.....	[d]43.2	.....	58.7	.....
Liberty	43.4	+0.6	42.3	−0.2	49.4	−3.7	59.4	−0.9	67.7	−2.3	[a]75.8	−0.5	78.7	−0.5	76.1	−2.0	74.2	+1.3	62.4	+1.0	50.1	−0.6	42.8	0.0	60.2	−0.6
Little Mountain	45.4	+0.1	43.6	−1.6	51.6	−4.5	60.4	−1.5	67.6	−4.6	77.4	−0.5	78.8	−1.6	[a]76.6	−2.8	75.0	0.0	63.8	−0.3	53.3	−0.5	45.2	−0.4	61.6	−1.5
Meriwether	[a]48.0	+1.4	[d]44.4	−2.0	[c]51.6	−5.2	[d]58.4	−4.1	[j]67.6	−3.2	[f]77.8	+0.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monetta	47.3	−0.6	44.4	−3.4	53.2	−2.6	[a]62.0	−2.0	68.6	−3.6	78.0	+0.8	79.1	−0.6	78.4	−0.4	76.2	+1.9	65.1	+1.0	52.4	−2.0	46.2	+0.5	62.6	−0.9
Newberry	45.2	+0.4	43.9	−0.3	52.6	−2.6	61.6	−0.4	67.4	−3.9	78.7	+0.3	81.8	+1.0	79.4	0.0	.....	.....	.....	.....	.....	.....	[a]44.2	−0.4	.....	.....
Saluda	45.4	0.0	44.0	−2.3	51.6	−5.6	61.2	−1.3	67.0	−4.6	76.0	−2.0	78.8	−1.7	77.8	−1.6	75.0	+0.6	.....	.....	.....	.....	.....	.....	.....	.....
Santuck	42.0	−1.0	39.8	−2.8	49.1	−4.5	60.2	0.0	[a]66.5	−3.9	76.1	−0.6	79.4	−0.2	77.6	−0.9	[a]74.1	+0.7	60.6	−0.9	48.3	−2.8	43.2	0.0	59.7	−1.5
Spartanburg	41.6	+0.1	41.2	−1.2	49.8	−5.6	58.8	−1.4	66.8	−2.7	75.9	−0.2	77.4	−2.9	75.7	−1.8	73.4	+1.3	62.3	+1.5	49.4	−1.3	42.6	+0.8	59.9	−0.5
Trenton	45.6	−0 8	43.8	−2.3	51.6	−5.0	61.6	−1.0	67.9	−4.5	78.0	−0.5	78.5	−2.0	....	.....	75.8	+0.5	[c]65.4	+1.1	52.2	−2.7	45.2	−1.8	....	.....
Walhalla	42.8	+0.8	43.1	−0.1	48.8	−2.6	57.4	−0.8	66.0	−1.4	74.4	−0.2	76.4	−0.6	75.0	−1.5	72.8	+2.0	62.2	+2.3	49.4	−1.4	42.6	−0.4	59.2	−0.4
Winnsboro	[f]42.9	−0.7	[c]41.4	−3.7	[d]52.0	−1.5	60.2	−0.9	[b]68.0	−3.2	78.2	+1.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.4	+1.8	.....	.....
Winthrop College	42.7	−0.8	40.9	−1.8	50.6	−3.3	60.5	0.0	[f]66.2	−4.0	[f]78.3	+2.3	79.2	−0.7	76.5	−2.1	74.3	+1.1	64.3	+2.4	51.7	0.0	43.2	+0.1	60.7	−0.6
D'vision means and departures.	44.4	+0.3	40.7	−3.6	50.7	−3.6	59.8	−1.2	67.1	−3.7	76.7	−0.3	78.5	−0.9	76.6	−1.9	74.4	+0.6	63.2	+0.9	50.9	−1.2	44.2	0.0	60.6	−1.2
Section means and departures.	46.2	+0.7	42.8	−4.1	52.3	−2.5	61.4	−0.9	67.6	−3.7	77.4	−0.1	78.9	−0.9	77.7	−1.1	75.5	+1.5	64.1	+0.5	52.3	−1.5	46.1	−0.2	61.9	−1.0

The departures from the normal temperature are computed only for such stations as have ten or more years of record.
Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

WEATHER BY MONTHS.—*Continued.*

(CONTINUED FROM PAGE 97.)

normal, but was badly distributed, with plentiful rainfall up-State and drought on the coastal plain.

Febuary.—Cold, raw weather prevailed, with much cloudiness. The mean temperature was considerably below normal, with two extended periods of low temperatures. Precipitation was slightly below the average, and the snowfall was much less than usual.

March.—Unusually cold weather prevailed during the month, and the weather was wintry and generally disagreeable during the first decade, the section minimum temperature equaling the lowest March record (1901). Precipitation averaged much above normal and was particularly abundant in the central and Piedmont counties.

April—The month was stormy and wet, with an unusual number of tornadoes, hailstorms, local disturbances and excessive rains. Tornadoes injurd 15 persons and caused property damage approximating $160,000. Two hailstorms caused about $10,000 damage, in addition to destruction of young crops, in several counties. Abnormally cool weather prevailed from the 5th to 15th, and the monthly mean temperature was somewhat below normal. The last general killing frosts occurred in the central sections on the 6th and in the higher elevations on the 14th.

May.—Unseasonably cold weather prevailed during the month, on the whole, the monthly mean temperature being close to the lowest average of record for the Section. There were three long periods of abnormally low temperatures, when the daily means ranged 5° to 14° below normal. The rainfall was very light, on the whole.

June.—The mean temperature was near the seasonal average,

but the first and last decades were unusually cool. Precipitation was considerably below normal, and the sunshine was abundant. A small tornado near Greenville on the 14th injured 2 persons and caused property damage estimated at about $5,500.

July.—Thermal conditions and rainfall ranged somewhat below normal. The rainfall was badly distributed as to amounts, the measurements in large sections of the interior being much below the average. There was one death by lightning and a loss of $10,000 by fire resulting from lightning. Excessive rains in Anderson County on the 19th and 20th were followed by damage to crops, bridges, and roads estimated at about $150,000.

August.—Rain fell in some part of the State every day, and the monthly rainfall ranged much above normal, with excessive amounts in extensive areas of the northern and eastern counties. There were two deaths and several injuries by lightning. The mean temperature was somewhat below normal.

September.—There were 15 days on which the mean temperature was 5° to 11° per day above normal, resulting in a monthly mean considerably above the seasonal average. Precipitation was much above normal and very irregularly distributed.

October.—The month was warmer than usual and very dry. A cool period during the early part of the month was follwed by a prolonged period of high temperatures, and the month closed with heavy to killing frosts quite generally over the State.

November.—Abnormal heat prevailed during the first 10 days, followed by subnormal temperatures until the 19th, resulting in thermal conditions below the seasonal average. Killing frosts extended practically to the coast between the 12th and 19th. Precipitation was considerably above the average.

December.—Mild, open, and generally pleasant weather prevailed during the month, but the showery periods were rather frequent, resulting in precipitation somewhat above normal. Two tornadoes on the 22d caused the death of one person and injured five, with property loss estimated at about $10,000.

COMPARATIVE DATA FOR SOUTH CAROLINA.

Year.	Temperature.			Precipitation		Average number of days.			Prevailing wind direction.
	Mean.	Highest.	Lowest.	Average.	Average days with 0.01 inch or more.	Clear.	Partly Cloudy.	Cloudy.	
1887	62.3	110	5	43.43	101	.....	.....	.....	.....
1888	61.8	108	13	54.63	104	.....	.....	.....	sw.
1889	62.0	102	10	46.76	86	.....	.....	.....	se. †
1890	64.4	104	11	42.29	.....	.....	.....	.....	sw.
1891	63.0	.....	13	47.52	.....	.....	.....	.....	.....
1892	62.4	102	6	47.36	.....	.....	.....	.....	.....
1893	63.0	104	3	53.68	98	.....	.....	.....	sw.
1894	63.5	105	− 1	50.49	105	154	123	88	sw.
1895	61.9	105	− 6	48.99	88	154	116	95	sw.
1896	63.9	104	5	44.95	86	163	119	84	sw.
1897	63.3	107	3	46.40	99	158	102	105	sw.
1898	63.2	106	8	49.26	107	143	111	111	sw.
1899	62.8	105	−11	46.76	95	158	104	103	sw.
1900	63.2	106	1	49.79	96	167	99	99	sw.
1901	61.1	102	2	54.98	106	167	102	96	sw.
1902	62.6	107	10	46.43	98	172	99	94	sw.
1903	62.2	105	10	50.87	103	166	95	104	sw.
1904	61.7	105	8	40.98	95	188	87	91	sw. †
1905	62.6	107	0	45.10	92	169	85	111	sw. †
1906	63.3	102	11	54.81	107	159	103	93	sw.
1907	63.3	106	12	47.79	99	157	123	75	sw.
1908	63.7	100	12	53.33	94	169	114	83	sw.
1909	63.4	105	7	44.61	91	178	113	73	sw.
1910	62.7	103	11	45.31	91	181	111	73	sw.
1911	64.9	106	16	39.80	91	161	120	84	sw.
1912	62.5	109	6	54.32	102	177	70	119	sw.
1913	63.8	109	16	47.57	93	181	81	103	sw.
1914	62.5	108	11	43.39	96	163	110	92	w.
1915	62.9	106	17	48.89	93	190	92	83	w.
1916	63.4	103	10	43.91	93	184	97	85	sw.
1917	61.4	102	− 5	43.49	97	192	85	88	sw.
1918	63.2	106	− 2	46.48	94	186	85	94	sw.
1919	64.1	103	8	46.79	88	189	88	88	ne.
1920	61.9	105	6	52.24	93	183	83	100	ne.
Period.	62.9	110	−11	47.75	96	171	102	93	sw.

† Also other directions.

MONTHLY AND ANNUAL CLIMATOLOGICAL DATA FOR SOUTH CAROLINA, YEAR 1920.

Months.	Temperature.				Precipitation.			Relative humidity.			Percentage of possible sunshine.	Number of days.				Wind.	
	Mean.	Departures.	Highest.	Lowest.	Average.	Departures.	Greatest local monthly amount.	Average—8 a. m.	Average—Noon.	Average—8 p. m.		Rainy.	Clear.	Partly Cloudy.	Cloudy.	Average hourly velocity.	Prevailing direction.
January	46.2	+0.7	85	6	3.66	+0.22	8.00	80	62	70	52	7	12	7	12	9.2	ne.
February	42.8	−4.1	76	8	4.05	−0.30	6.99	79	63	66	52	8	12	5	12	9.0	nw.
March	52.3	−2.5	87	10	6.73	+2.83	10.65	75	56	61	66	8	17	6	8	9.5	sw.
April	61.4	−0.9	94	26	5.13	+2.21	13.40	77	60	68	59	10	13	6	11	10.4	sw.
May	67.6	−3.7	95	42	1.77	−1.69	4.77	74	52	64	67	6	16	9	6	8.0	ne.
June	77.4	−0.1	105	52	3.41	−1.54	6.57	75	51	66	75	6	19	7	4	7.3	s.
July	78.9	−0.9	102	53	5.60	−0.30	12.23	81	58	73	66	11	13	10	8	7.1	sw.
August	77.7	−1.1	100	56	8.08	+1.95	15.40	87	68	82	54	14	8	12	11	6.1	sw.
September	75.5	+1.5	100	46	5.42	+1.48	10.85	85	61	76	63	7	16	8	6	6.5	ne.
October	64.1	+0.5	92	25	0.76	−2.29	2.44	82	47	66	81	2	24	4	3	6.1	ne.
November	52.3	−1.5	87	18	3.62	+1.34	6.99	82	60	66	61	6	18	4	8	7.7	ne.
December	46.1	−0.2	75	18	4.01	+0.60	7.97	80	60	68	53	8	15	5	11	8.4	w.
Annual	61.9	*−1.0	105	6	52.24	*+4.49	15.40	80	58	69	62	93	183	83	100	7.9	ne.

* From 34-year averages.

KILLING FROST OR FREEZING TEMPERATURE DATES AND GROWING DAYS.

Stations.	1920.		Averages—all records.		
	Last in spring.	First in autumn.	Last spring date.	First autumn date.	No. of growing days.
EASTERN PORTION.					
Allendale	Mch. 10	Nov. 14	Mch. 13	Nov. 16	248
Blackville	Apr. 6	Nov. 13	Mch. 19	Nov. 14	240
Bowman	Apr. 6	Oct. 29	Mch. 23	Nov. 5	227
Charleston	Mch. 8	Jan. 19	Feb. 19	Dec. 11	295
Cheraw	Apr. 6	Oct. 30	Apr. 1	Nov. 3	216
Conway	Mch. 21	Nov. 13	Mch. 19	Nov. 8	228
Darlington	Mch. 22	Oct. 30	Mch. 22	Nov. 1	217
Ferguson	Apr. 6	Oct. 30	Mch. 25	Nov. 7	227
Florence (1)	Apr. 6	Nov. 13	Mch. 22	Nov. 9	232
Garnett	Mch. 10	Oct. 30	.....	.....	.....
Georgetown	Mch. 9	Oct. 30	Mch. 10	Nov. 21	256
Kingstree	Mch. 10	Nov. 13	Mch. 13	Nov. 19	251
Oaks	Apr. 6	.....	.....	.....	.....
Orangeburg No. 1	Mch. 10	Oct. 30	.....	.....	.....
Paris Island	Mch. 8	Nov. 17	Feb. 28	Nov. 30	275
Pinopolis	Mch. 10	.....	Mch. 4	Nov. 29	270
St. George	Mch. 10	.....	Mch. 9	Nov. 15	251
St. Matthews	Apr. 6	Oct. 30	Mch. 13	Nov. 14	246
Society Hill	Apr. 6	Oct. 30	Mch. 19	Nov. 10	236
Summerville	Apr. 6	Nov. 14	Mch. 15	Nov. 14	244
Walterboro	Apr. 6	.....	Mch. 15	Nov. 9	239
Yemassee	Mch. 10	Oct. 31	Mch. 11	Nov. 14	248
Normal	.....	.....	Mch. 16	Nov. 14	243
Averages for 1920	Mch. 23	Nov. 11	.....	.....	243
WESTERN PORTION.					
Aiken	Apr. 6	Nov. 13	Mch. 30	Nov. 10	225
Anderson	Apr. 14	Nov. 14	Mch. 28	Nov. 4	221
Batesburg	Apr. 6	Nov. 13	Mch. 29	Nov. 11	227
Calhoun Falls	Apr. 6	Oct. 30	.....	.....	.....
Camden	.....	.....	Mch. 22	Nov. 8	231
Clemson College	Apr. 14	Oct. 30	Apr. 3	Oct. 31	211
Columbia	Apr. 6	Nov. 13	Mch. 20	Nov. 18	243
Greenville	Apr. 6	Nov. 13	Apr. 6	Nov. 1	209
Greenwood	Apr. 15	Nov. 13	Mch. 23	Nov. 9	231
Heath Spring	Apr. 14	Oct. 30	Mch. 27	Oct. 31	218
Kershaw	Apr. 14	Oct. 30	.....	.....	.....
Landrum	Apr. 15	Oct. 29	.....	.....	.....
Laurens	Apr. 16	Oct. 30	.....	.....	.....
Liberty	Apr. 14	Oct. 30	Apr. 1	Nov. 1	214
Little Mountain	Apr. 14	Nov. 13	Mch. 24	Nov. 12	233
Meriwether	Apr. 6	.....	Mch. 23	Nov. 2	224
Monetta	Apr. 6	Nov. 13	Mch. 25	Nov. 4	224
Newberry	Apr. 14	Nov. 13	Mch. 30	Nov. 1	216
Saluda	Apr. 14	Oct. 30	Apr. 3	Nov. 2	213
Santuck	Apr. 14	Oct. 30	Apr. 4	Oct. 29	208
Spartanburg	Apr. 14	Oct. 29	Mch. 24	Nov. 1	221
Trenton	Apr. 6	Nov. 13	Mch. 17	Nov. 16	244
Walhalla	Apr. 14	Oct. 29	.....	.....	.....
Winnsboro	Apr. 14	.....	Mch. 27	Nov. 14	232
Winthrop College	Apr. 14	Oct. 31	Mch. 28	Nov. 7	224
Normal	.....	.....	Mch. 27	Nov. 6	224
Averages for 1920	Apr. 11	Nov. 5	.....	.....	208
Section Normal	.....	.....	Mch. 22	Nov. 10	233
Section averages for 1920	Apr. 2	Nov. 8	.....	.....	220

NOTE.—Killing frost data in above table determined according to the following standard: Last or first clear or partly cloudy day with temperature of 32° or lower and last or first cloudy day with 31° or lower, but without rain, sleet or snow; in case of precipitation, then the next succeeding day with proper temperature and weather was used. The average number of growing days is the difference between the average spring and autumn killing frost dates.

MAP SHOWING LOCATION OF OBSERVATION STATIONS.

KEY TO SYMBOLS

◎ Meteorological observations. (Regular Weather Bureau Stations, including Greenville.)

○ Meteorological observations. (Sub stations.)

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CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., JANUARY, 1921 No. 1.

GENERAL SUMMARY.

The month was generally mild and open, and the mean temperature was considerably above normal. The period from the 1st to 12th was unseasonably warm, followed by alternating short periods of cold and warm weather. Precipitation, while above the average as a whole, was deficient on the coastal plain and abundant in the Piedmont counties. An unusually severe cold rain, ice, sleet, and snow storm occurred in the upper half of the State on the 25th and 26th, the depth of ice, sleet and snow breaking records at a number of stations.

Outdoor work made favorable progress in the lower part of the State, but plowing was materially retarded in the Piedmont Counties on account of wet soil. Winter cereals maintained generally satisfactory condition during the month. The mild weather caused some swelling in fruit buds. Winter cabbage and lettuce were plentiful on market about the middle of the month, and some spring cabbage and lettuce were being set. The month closed with some late cotton up-State remaining to be picked.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 22 inches. The highest pressure in the region covered by reports was 30.90 inches at Charlotte, N. C., on the 19th, and in the Section proper, 30.87 at Due West on the the same date; at Columbia the pressure on the 19th was the highest of record; the lowest pressure was 29.67 inches at Charlotte, N. C., on the 14th, and in the Section proper, 29.69 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 46.9°, or 1.3° above the established normal. The highest temperature was 79° at Darlington, Darlington County, on the 23d. The warmest periods were from the 1st to the 12th and between the 21st and 24th. The lowest temperature was 17° above zero at Society Hill, Darlington County, on the 25th. The coldest periods were between the 13th and 15th, 18th and 20th, and the 25th and 28th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 61%; 8 p. m., 69%. The greatest percentages occurred over the southern coast districts, and the least, over the northern interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 3.84 inches, or 0.39 inch above the established normal. The measurements were confined principally to three periods, and the amounts were generally above normal over the Piedmont and northern counties, with 4 to over 7 inches, while in practically the entire southern half of the State, the rainfall was considerably below 3 inches. The greatest local monthly amount was 7.16 inches at Laurens, Laurens County, and the least local monthly amount was 1.31 inches at Ferguson, Orangeburg County. The greatest amount during any 24 hours was 3.75 inches at Winnsboro, Fairfield County, on the 26th and 27th. The average number of rainy days was 12% below normal.

An unusually heavy cold rain, ice, sleet, and snow storm occurred over the northern half of the State on the 25th and 26th, and the accumulation of frozen precipitation ranged in depth from 1 to 8 inches. Much damage resulted to telegraph and telephone wires, and the injury to many fine shade trees cannot be repaired in years.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.7 miles. The highest average velocity was 12.3 miles per hour at Savannah, Ga., and in the Section proper, 11.2 miles per hour at Charleston; the lowest average velocity was 5.4 miles per hour at Augusta, Ga., and in the Section proper, 7.4 miles per hour at Columbia. The highest velocity for any 5-minute period was 38 miles per hour from the west at Savannah, Ga., on the 15th, and in the Section proper, 36 miles per hour from the west at Greenville on the 5th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 163.7 hours, or 52% of the possible amount. The average number of clear days was 15; partly cloudy, 6, and cloudy, 10, as against normals of 13, 7, and 11 days, respectively.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in the up-State rivers about the 10-12th and 15-17th, and in the Waterce River on the 28th. The Santee River was close to or above flood stages throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 17; Due West, 21. *Solar:* Columbia, 11; Due West, 7, 11, 16, 24; Greenville, 11, 16, 18.

Thunderstorms.—Charleston, 5; Monetta, 3; Summerville, 14.

MISCELLANEOUS DATA FOR JANUARY, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.25	39.1	65	20	3.35	1.23	8.8	nw.	79	63	69	38
Augusta, Ga.....	30.22	48.5	73	26	2.84	1.11	5.4	nw.	84	56	65	60
Charleston, S. C...	30.20	51.7	73	30	1.58	1.06	11.2	sw.	82	62	77	62
Charlotte, N. C ...	30.21	42.2	71	21	5.22	1.92	6.4	sw.	77	63	67	49
Columbia, S. C....	30.23	47.0	74	25	3.26	1.15	7.4	w.	78	66	67	56
Due West, S. C*...	30.26	44.2	71	22	3.93	1.18	9.1	sw	81	60	...	49
Greenville, S. C...	30.20	43.8	72	22	5.10	1.64	9.3	ne.	78	62	67	49
Savannah, Ga....	30.21	51.0	72	30	1.48	0.73	12.3	sw.	79	63	73	49
Wilmington, N. C	30.21	48.4	74	23	4.16	2.95	8.0	w.	79	53	69	56
Means and extremes	30.22	46.5	74	20	3.41	2.95	8.7	sw.	80	61	69	52

*NOTE.—New aerological station.

Climatological Data for January, 1921.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Allendale	Allendale	186	40	50.4	+2.7	76	26	28	†19	44	2.09	−0.89	0.70	0.5	9	10	14	7	w.	R. B. Vance.
Blackville	Barnwell	296	38	49.4	+2.3	75	22	25	19	46	2.76	−0.18	1.50	0	5	21	2	8	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	48.0	0.0	75	22	22	19	49	2.56	−0.56	1.68	0	3	15	8	8	w.	B. O. Evans.
Charleston	Charleston	48	50	51.7	+2.4	73	22	30	19	27	1.58	−1.87	1.06	0	10	10	12	9	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	45.5	+2.1	78	†22	20	19	48	4.68	+1.86	3.00	0	5	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	48.2	+0.1	75	22	24	19	48	2.18	−1.23	1.02	0	8	14	1	16	ne.	Paul Quattlebaum.
Darlington	Darlington	175	26	°46.2	+0.6	°79	23	°23	†19	°46	3.87	+1.37	1.75	0	6	17	2	12	.....	D. C. McCall.
Effinghum	Florence	106	31	.....	.....	.....	.....	.....	.....	...	3.26	−0.14	1.51	0	8	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	47.2	−0.1	73	† 2	25	21	40	1.31	−3.03	0.55	0	6	15	12	4	nw.	Henry C. Savage.
Florence 1	Florence	136	40	46.9	+1.9	76	†22	24	19	47	3.58	+0.84	0.95	0	9	15	3	13	sw.	H. K. Gilbert.
Florence 2	do	136	6	.....	.....	.....	.....	.....	.....	.....	4.18	+1.44	0.95	T.	8	19	5	7	n.	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	51.7	.....	74	†22	27	16	45	1.33	.....	0.50	0.5	9	12	11	8	sw.	Maner B. Robert.
Georgetown	Georgetown	12	29	49.8	+1.4	77	22	25	19	48	2.68	−0.67	2.68	0	1	23	2	6	n.	A. P. Hazard.
Kingstree	Williamsburg	54	40	47.3	−0.2	70	† 5	25	19	42	1.36	−1.61	0.33	0	7	16	3	12	sw.	W. H. Matthews.
Oaks	Georgetown	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	5	48.6	.....	75	†22	25	19	48	2.63	.....	0.90	0	8	14	4	3	ne.	U. S. Fisheries Station.
Orangeburg 2	do	264	1	.....	.....	.....	.....	.....	.....	.....	2.72	.....	1.60	0	6	18	5	8	ne.	State A. and M. College.
Paris Island	Beaufort	13	37	53.2	+2.8	75	23	29	27	33	1.80	−1.06	0.90	T.	5	9	9	13	ne.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	48.7	+1.4	72	5	27	19	.....	2.52	−0.58	1.00	0	6	16	6	9	.....	Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	2.94	.....	1.00	0	5	...	.....	.....	.....	William B. Wolfe.
St. George	Dorchester	109	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Davis.
St. Matthews	Calhoun	62	40	.....	.....	.....	.....	.....	.....	.....	4.19	+1.13	3.05	0	6	21	10	0	n	Miss Frances M. Antley.
Society Hill	Darlington	192	31	°45.5	+1.6	°78	23	°17	25	°45	3.87	+0.94	1.46	T.	8	17	5	9	ne.	A. H. Rogers.
Summerville	Dorchester	75	24	50.2	+0.3	76	22	27	†16	47	1.82	−1.28	0.74	0	7	18	5	8	ne.	E. P. Lawton.
Walterboro	Colleton	69	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. N. Frank.
Whitehall (near)	Colleton	13	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Combahee Company.
Yemassee	Hampton	24	33	51.2	+3.3	75	†22	24	16	46	1.39	−1.40	0.60	0	4	23	1	7	nw.	W. C. Hutson.
Division means and extremes				48.8	+1.5	79	23	17	25	49	2.67	−0.31	3.05	T.	7	16	6	9	ne.	
Western Portion.																				
Aiken	Aiken	527	60	49.2	+3.3	74	†23	25	†19	42	2.53	−1.07	1.03	0	5	17	2	12	ne.	Frank B. McCoy.
Anderson	Anderson	764	26	46.6	+1.9	74	23	24	†19	43	4.79	+1.04	1.59	1.0	10	15	3	13	e.	H. H. Russell.
Batesburg	Lexington	656	38	46.4	+1.0	73	23	23	19	35	5.24	+1.99	1.83	0	7	14	7	10	nw.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	4.84	+1.73	1.41	0	8	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	44.0	.....	73	†22	22	27	42	5.11	+1.76	1.49	0.9	8	9	9	13	w.	L. M. Parker.
Camden	Kershaw	222	74	.....	.....	.....	.....	.....	.....	.....	3.63	+0.24	0.96	3.0	8	.....	.....	.....	.....	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	5.42	+2.22	1.85	4.0	7	.....	.....	.....	.....	James C. Faris
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	4.68	+1.83	1.15	2.5	7	.....	.....	.....	.....	J. J. Murran.
Clemson College	Oconee	850	30	45.0	+2.7	69	22	23	20	43	5.27	+0.72	2.00	4.0	6	11	9	11	e.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	47.0	+1.9	74	22	25	19	38	3.26	−0.03	1.15	0	7	12	6	13	w.	U. S. Weather Bureau.
Due West	Abbeville	.....	7	44.2	.....	71	23	22	26	36	3.93	.....	1.18	0.8	10	9	8	14	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.09	.....	1.20	1.0	6	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals †‡	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	5.98	+2.14	1.50	8.0	9	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	43.8	+3.1	72	23	22	26	36	5.10	+0.85	1.64	2.0	10	7	12	12	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	43.8	+1.0	71	24	21	27	37	4.15	+0.56	0.92	2.0	7	14	1	16	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	46.6	+3.5	71	24	21	†19	37	4.65	+1.40	1.12	4.0	6	15	4	12	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	5	45.5	.....	73	22	22	21	48	4.00	.....	1.30	4.0	6	18	0	13	w.	John W. Hamel.
Landrum	Spartanburg	1063	6	44.8	.....	74	22	18	20	53	3.81	.....	1.10	2.4	7	17	7	7	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	3	43.1	.....	77	22	23	†20	50	7.16	.....	1.12	1.5	8	.....	.....	.....	.....	Perry A. Simpson.
Liberty	Pickens	900	22	45.2	+2.4	73	22	23	20	46	4.56	+0.29	2.00	4.2	11	7	14	10	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	46.8	+1.5	72	†22	23	†19	35	4.47	+1.41	1.80	2.0	6	18	1	12	w.	J. M. Sease, M. D.
Meriwether	McCormick	450	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	14	48.0	+0.1	72	†22	25	†19	41	3.65	+0.41	1.34	0	6	9	12	10	w.	Joseph M. Johnson.
Newberry	Newberry	502	18	45.3	+0.5	77	23	22	27	48	4.60	+1.15	2.00	T.	8	11	9	11	sw.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	...	5.58	+1.84	1.30	1.6	8	...	..	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	43.6	+0.6	74	†22	21	20	51	5.75	+2.29	1.43	4.0	9	14	6	11	nw.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	43.5	+2.0	72	†22	20	27	47	5.17	+2.27	1.80	2.5	8	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	46.7	+0.3	71	23	24	27	34	4.18	+1.02	1.21	1.0	5	17	3	11	ne.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	44.6	+2.6	75	22	22	†19	52	4.89	+0.70	1.81	6.5	12	13	7	11	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	31	44.4	+0.4	73	†23	22	†19	40	7.07	+4.79	3.75	0	8	18	4	9	w.	Rev. Oliver Johnson
Winthrop College †‡	York	690	22	44.2	+0.7	74	23	21	19	47	4.31	+1.29	1.50	5.6	17	13	8	10	n.	W. P. Goodman.
Division means and extremes				45.3	+1.2	77	†22	18	20	53	4.74	+1.27	3.75	2.2	7	14	6	11	w.	
Section means and extremes				46.9	+1.3	79	23	17	25	53	3.81	+0.39	3.75	1.4	7	15	6	10	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Edisto, Embree; of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

CLEMSON COLLEGE.—July, 1915, page 53, rainfall, 29th, should be 1.02.
River Table, July, 1916, page 55.—Redetermined flood crests should read: Blairs, 36.9 feet; Camden, 40.4; Ferguson, 24.5; Mt. Holly, N. C., 41.5.
HEATH SPRING.—December, 1920: Mean minimum temperature, page 94, should be 35.3; monthly mean, page 94, should be 44.9.
PINOPOLIS.—December, 1920: Number of rainy days, page 92, should be 5.
SALUDA.—December, 1920: Greatest 24-hour precipitation, page 92, should be 1.04.
SOCIETY HILL.—December, 1920: Monthly mean temperature, page 92, should be 47.6.

Daily Precipitation for January, 1921.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖	Savannah			T.	.20	.30				.27					.37	.05										.05	70	.05			.10	2.09
Blackville ‖	Edisto				.10				.10	.36					.70												1.50					2.76
Bowman	do			.18											.70												1.68					2.56
Charleston ***	Coast		.07	T.	T.	.05			T.	.01				.05	1.01	T.										.03	.13	.16			.02	.05	1.58
Cheraw ‖	Pee Dee				.24					.32					.47	.65											3.00					4.68
Conway ‖	Waccamaw				.03	T.				.03					.03	1.02										.20	.20	.56			.11	2.18
Darlington ‖	Pee Dee			.35						T.	.35				.20	.47										*	1.75				.75	3.87
Effingham ‖	Lynches			.23	.25						T.				T.	.44										.16	1.51	.19			.18	3.26
Ferguson ‖	Santee				.07						.07					.22										.15	.55	.15			.10	1.31
Florence 1 ‖	Pee Dee				.48					.07	.24				.12	.48										.15	.90	.95			.19	3.58
Florence 2 ‖	do				.52				.07	.24					.60	.65										T.	.90	.95			.25	4.18
Garnett	Savannah		.02	.09	.02	.34				.09					.19											.62	.50				.06	1.33
Georgetown	Coast		T.												2.68													T.			T.	2.68
Kingstree ‖	Black				.03										.12	.13										.25	.30	.33			.20	1.36
Oaks	do																																
Orangeburg 1	Edisto			.12	T.	T.				.28					.52	.03										.42	.90	.01		T	.35	2.63
Orangeburg 2	do		.02	T.							.25				.60											1.20	.10		.55			2.72
Paris Island	Coast			.20		.10										.90												.40	.20				1.80
Pinopolis	Cooper		.12												.70											.50	1.00	.10			.10		2.52
Rimini ‖	Santee										.40				.43											.31	1.10				.80	2.94
St. George ‖	Edisto																																
St. Matthews ‖	Santee			.12						.28							.24									.19	3.05				.31	4.19
Society Hill ‖	do			.41					.10	.41					.65	.01										.79	1.46				.65	3.87
Summerville	Ashley		.02						.02		.04				.74											.25	.70				.04	1.82
Walterboro	Ashepoo																																
Whitehall (near)	Combahee																																
Yemassee ‖	Ashepoo					.45										.25											.60	.09					1.39
Western Portion.																																	
Aiken	Edisto			.23						.09	.35				.83											1.62						2.53
Anderson	Savannah			.20					.10	1.10	.38				1.50	T										.05	.80	.24			.05	.07	4.79
Batesburg ‖	Edisto				.60						.39				1.80											.09	1.83	.02			.51	5.24
Blairs ‖	Broad				.22					.37	.88				.96	.35										.58	1.41				.07	4.84
Calhoun Falls ‖	Savannah			.28						.22	.93			T.	1.49	.54										1.00	.55	.04			.66	5.11
Camden ‖	Wateree	.68								.10	.32				.96	.41										.30	.66	.20				3.63
Catawba ‖	Catawba				.12					.25	1.85				.65	.60										.25	1.70					5.42
Chappells ‖	Saluda				.30					.15	.95				.93	.30										.90	1.15					4.68
Clemson College	Savannah			.22						2.00		.02			1.70	T.										*	*	1.28			.05		5.27
Columbia ***	Congaree			.49	T.	T			T.	.31				T.	.92										.12	1.08	1.25			T.	.09	3.26
Due West				.16	T.	.01			.03	1.13	T.	T.	T.		.21	.98	T.									.17	1.10	.13		T.	.01		3.93
Edgefield ‖	Savannah				.90						.70				1.20	.12											.42	.75					4.09
Gaston Shoals ‖	Broad				.13					.63	1.32				1.50	.35										.49	1.50	.02			.04	5.98
Greenville ***	Saluda	T.	T.	.18					.07	1.62	.03	T.	T	.16	1.47											.17	1.23	.12		T	.05		5.10
Greenwood ‖	do				.31					.18	.92				.80	.82										.92	.20					4.15
Heath Spring	Wateree			.23						.70					1.12											*	*	2.60					4.65
Kershaw ‖	Lynches			.24						.22		.36			1.10											.78	1.30					4.00
Landrum	Broad									1.08	.84			.10	.51										.06	1.10	.12					3.81
Laurens ‖	Saluda				.97					.36	1.12				.90	.60										1.30	.45			.86		7.16
Liberty	Savannah		.02	.04					.02	2.00		T.	.02	.02	2.00											.04	.30	.40	T.	T.	.01	.02	4.56
Little Mountain	Saluda			.33						.12				T.	1.80											.02	1.70	.50					4.47
Meriwether	Savannah																																
Monetta	Edisto			.40						.11	.42			T.	1.34											T	1.04	.34					3.65
Newberry	Saluda			.25				T.		.85	.50				1.30											.15	*	1.50			.05		4.00
Pelzer ‖	do				.24	T.				.58	1.30		T		1.30	.80										.62	.60	.04			.10		5.78
Saluda	do																																
Santuck	Broad			.13						1.03	.84				1.43											.08	1.32	.85		T.	.04	.03	5.75
Spartanburg ‖	do				.23					.60	1.01				1.80												*	1.73	.05			.05		5.47
Trenton	Edisto			.87	T.			T.		.65				T.	1.21	T										T.	1.05	.40			T.	T.	4.18
Walhalla	Savannah		.08			.01			.04	1.56	.17	.01		.02	1.81	T.										.08	.30	.69			.12		4.89
Winnsboro	Broad				.27					.12	.58				1.19	.37										.75	3.75				.04		7.09
Winthrop College	Catawba			.08						1.50	.80				1.15											.50	.25				.03		4.31

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.	Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	40.1	73	5	2.80	8					1906	47.0	83	12	5.85	11	12	4	15	ne.
1888	46.2	76	15	2.91	10				nw.	1907	53.1	89	18	0.71	4	15	9	7	sw.
1889	44.9	78	15	5.81	10				ne.	1908	44.2	76	17	4.86	9	13	8	10	w.
1890	54.1	81	17	1.16	6				sw.	1909	49.6	83	9	1.54	5	12	9	10	ne.
1891	46.2	75	21	3.56					w.	1910	45.5	80	11	2.98	7	11	10	7	w.
1892	42.7	72	16	6.75					nw.	1911	49.8	82	16	1.58	5	11	8	9	sw.
1893	38.0	71	3	2.52	6					1912	40.2	79	6	4.92	9	13	4	14	w.
1894	47.9	77	19	3.15	10	10	9	12	ne.	1913	53.8	82	23	3.21	8	10	6	15	sw.
1895	44.2	80	5	7.31	13	9	9	13	sw.	1914	46.7	81	18	2.66	5	16	9	6	w.
1896	43.8	72	9	3.02	6	12	10	9	ne.	1915	45.1	74	19	6.31	9	12	6	13	ne.
1897	42.2	76	3	2.29	7	13	8	10	nw.	1916	52.3	81	10	1.76	9	10	9	12	ne.
1898	49.2	82	8	1.80	6	12	10	9	sw.	1917	49.7	79	9	3.71	12	10	7	14	sw.
1899	44.4	78	17	4.72	11	10	7	14	n.	1918	37.3	82	−2	4.45	10	13	6	12	w.
1900	44.0	75	3	2.43	8	16	6	9	nw.	1919	47.1	80	8	4.15	7	19	5	7	ne.
1901	45.1	81	18	3.55	9	14	7	10	nw.	1920	46.2	85	6	3.66	7	12	7	12	ne.
1902	42.4	80	11	2.05	5	15	7	9	sw.	1921	46.9	79	17	3.84	7	15	6	10	w.
1903	43.7	77	13	3.85	11	10	6	15	w.										
1904	40.2	74	8	2.97	8	15	5	11	n.	Period	45.6	89	−2	3.45	8	13	7	11	ne.
1905	41.4	77	8	2.00	7	15	6	10	w.										

Daily Temperatures for January, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	67	70	70	69	63	72	60	65	68	69	55	62	58	63	65	45	61	66	48	45	53	68	74	74	66	76	41	42	60	61	68	62.1
	Minimum	38	51	47	54	54	35	33	37	51	38	34	38	36	36	34	31	42	33	28	30	31	39	48	44	39	32	28	40	82	39	46	38.6
Blackville	Maximum	73	71	70	63	74	66	67	67	68	65	63	64	57	63	64	65	68	55	44	54	70	75	67	65	60	35	30	57	63	55	63	62.0
	Minimum	38	40	49	51	58	33	31	46	55	35	32	42	35	32	36	34	38	31	25	27	29	39	39	41	39	30	26	35	27	29	36	36.7
Bowman	Maximum	70	74	70	62	70	71	70	70	69	68	65	60	65	55	45	50	60	50	46	57	70	75	74	72	70	65	32	60	62	61	65	63.0
	Minimum	33	43	40	44	55	30	27	39	40	34	28	33	35	33	31	24	34	28	22	25	26	31	38	35	34	30	24	32	30	35	32	33.1
Charleston	Maximum	63	66	66	63	71	59	63	70	71	64	56	66	59	67	50	54	66	47	43	52	65	73	72	60	51	43	42	58	55	67	65	60.2
	Minimum	44	48	52	53	56	44	42	51	54	43	41	49	38	50	37	34	45	35	30	34	40	46	48	48	41	36	31	40	37	42	49	43.2
Cheraw	Maximum	72	72	62	70	73	68	58	60	45	55	58	56	49	51	50	58	61	45	45	53	73	78	78	65	53	41	41	56	53	61	58	58.6
	Minimum	33	43	45	43	45	32	25	50	43	35	27	33	29	31	33	25	35	26	20	22	25	35	38	31	32	26	23	20	23	28	38	32.4
Conway	Maximum	69	70	68	60	70	58	67	71	63	50	62	64	65	68	51	58	61	45	44	57	70	75	73	63	46	44	47	57	60	69	63	60.9
	Minimum	35	39	48	49	49	34	30	38	33	40	34	38	34	36	41	37	33	26	24	25	27	31	40	36	29	29	29	37	31	36	50	35.5
Darlington §§§	Maximum	71	75	62	....	77	60	67	62	47	57	62	52	39	63	51	60	61	45	43	....	73	78	79	67	44	33	45	55	52	65	....	[a]58.8
	Minimum	30	32	42	48	....	35	30	42	47	37	29	37	32	33	35	27	35	29	23	23	27	37	42	36	32	29	27	32	28	30	42	[a]33.6
Ferguson §§§	Maximum	70	73	64	61	70	59	66	69	56	51	62	64	65	66	60	62	63	46	43	51	68	73	70	64	63	34	44	56	58	62	63	60.5
	Minimum	32	42	44	45	49	30	28	39	38	35	30	35	35	36	37	25	32	31	26	28	25	33	38	37	34	30	29	33	29	32	43	33.9
Florence 1	Maximum	65	72	55	54	59	60	65	61	54	51	56	53	45	62	49	59	59	49	43	51	72	76	76	64	43	35	35	40	52	68	62	56.3
	Minimum	40	52	50	48	53	38	32	50	49	37	32	45	32	34	36	28	36	30	24	25	29	41	45	40	35	29	29	32	31	35	45	37.5
Garnett	Maximum	71	73	73	61	72	69	68	66	73	67	66	64	56	67	51	62	71	61	49	56	69	74	74	69	62	54	41	61	63	72	65	64.5
	Minimum	....	47	50	51	60	35	32	41	51	42	32	44	37	42	34	27	45	34	29	32	29	49	37	41	37	34	28	36	29	35	47	[a]38.9
Georgetown	Maximum	69	68	70	62	72	58	43	74	75	70	71	68	59	70	63	60	67	53	55	58	71	77	74	63	50	48	49	58	61	73	68	63.8
	Minimum	36	42	49	48	48	35	29	41	38	31	34	40	33	40	40	29	35	29	25	27	29	33	39	43	35	35	29	36	33	34	34	35.8
Kingstree	Maximum	63	62	66	60	70	64	60	60	66	61	57	62	50	50	52	55	59	48	45	49	63	69	70	63	50	45	41	53	60	66	60	58.0
	Minimum	35	35	49	50	55	35	31	31	55	39	32	45	35	35	30	28	43	30	25	26	27	36	41	40	35	30	33	35	30	36	49	36.6
Oaks	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orangeburg 1	Maximum	70	72	66	62	73	71	67	68	66	57	63	64	55	64	52	61	63	56	43	52	71	75	75	64	55	47	43	56	59	66	63	61.8
	Minimum	34	45	49	47	47	31	30	42	54	36	31	43	35	35	34	27	41	30	25	26	27	35	37	36	36	31	27	35	27	32	45	35.8
Paris Island§§§	Maximum	68	67	71	65	71	65	66	70	70	59	64	70	66	67	64	59	70	61	50	57	70	74	75	66	62	51	46	59	62	70	70	64.7
	Minimum	43	48	51	50	53	43	40	49	50	43	40	44	38	44	38	34	41	37	32	34	37	43	45	48	44	38	29	30	36	40	50	41.7
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Matthews	Maximum	72	69	73	....	....	79	....	....	....	....	65	....	....	....	51	55	64	....	....	....	....	....	....	60	....	....	46	50	55	63	....	....
	Minimum	48	46	49	52	52	49	48	48	53	49	43	35	34	32	36	38	44	49	43	41	40	42	43	40	44	42	22	37	40	41	60	43.2
Society Hill §§§	Maximum	....	73	62	64	74	59	63	60	47	54	57	52	53	62	50	55	56	40	45	66	72	76	78	64	42	35	48	51	52	58	59	[a]57.6
	Minimum	25	....	44	43	50	31	28	47	44	36	29	44	31	31	34	26	40	28	20	22	27	38	41	34	33	17	25	33	30	34	39	[a]33.4
Summerville	Maximum	69	71	72	64	72	62	66	71	71	65	65	64	52	67	52	61	69	52	48	56	71	76	74	67	59	43	41	62	62	70	68	63.3
	Minimum	36	45	45	50	57	34	31	32	40	40	33	41	34	38	37	27	35	31	27	29	29	38	41	48	37	32	29	35	29	38	49	37.0
Walterboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Yemassee	Maximum	71	74	72	63	71	68	69	68	73	66	66	66	58	65	51	64	70	58	49	56	71	75	75	69	61	55	37	64	65	71	66	64.7
	Minimum	35	45	50	52	57	35	3	39	48	40	32	45	36	41	37	24	44	33	27	29	29	36	40	43	36	33	28	35	28	34	48	37.7
Western Portion.																																	
Aiken	Maximum	67	68	64	60	72	69	65	64	62	56	62	58	52	50	44	60	61	60	44	55	68	73	74	74	63	47	40	56	57	58	61	60.1
	Minimum	35	42	53	52	57	34	38	45	51	35	36	40	35	31	31	29	45	30	25	27	31	46	46	46	42	28	25	37	36	36	41	38.2
Anderson	Maximum	67	63	53	70	67	64	63	57	57	59	52	53	45	43	43	58	57	46	40	54	70	73	74	65	55	37	51	54	52	51	61	56.6
	Minimum	45	46	46	51	43	33	37	48	39	33	34	43	30	28	31	29	39	29	24	27	43	41	44	42	36	24	24	33	43	37	37	36.7
Batesburg	Maximum	72	64	56	58	71	59	65	64	63	54	54	55	47	42	41	51	57	45	40	54	55	56	73	65	53	37	39	53	57	57	59	55.5
	Minimum	43	47	49	49	50	36	38	46	42	34	36	34	32	29	31	30	44	29	23	25	32	47	48	45	35	30	24	34	34	43	41	37.4
Calhoun Falls§§§	Maximum	65	68	57	60	70	61	65	61	46	51	57	51	34	32	42	61	60	43	41	54	69	73	73	65	54	30	50	56	56	59	59	55.5
	Minimum	35	39	41	46	47	30	31	32	43	32	30	31	32	31	31	25	25	28	23	24	28	31	38	40	40	30	22	30	30	30	32	32.5
Camden §§§	Maximum	63	61	55	62	....	54	63	54	....	....	....	....	43	....	39	54	....	42	40	....	....	....	....	66	50	44	45	50	52	51	....	....
	Minimum	....	54	48	49	51	42	....	42	42	40	36	36	....	....	36	....	38	....	....	31	31	31	41	41	42	....	....	35	36	43	43	[a]40.4
Clemson College	Maximum	63	60	60	62	68	59	60	60	60	51	51	53	48	43	43	51	54	50	39	57	66	69	68	64	59	38	53	53	51	53	57	[a]55.7
	Minimum	30	42	43	47	53	29	31	41	40	36	36	43	30	28	33	28	38	30	25	23	27	33	42	37	37	26	27	30	32	32	38	34.3
Columbia	Maximum	67	66	57	59	72	60	65	64	58	56	60	52	40	46	42	58	58	43	41	52	70	74	73	64	51	36	41	52	56	58	60	56.5
	Minimum	43	52	51	47	48	38	35	48	41	36	33	40	30	30	33	29	38	30	25	27	32	45	46	45	36	27	27	33	32	41	42	37.4
Due West	Maximum	64	62	53	57	68	58	63	58	54	55	52	51	35	40	41	58	56	41	39	52	68	70	71	62	46	33	47	50	52	55	57	53.8
	Minimum	46	47	48	47	44	36	34	43	35	33	32	35	29	29	30	28	35	28	24	26	32	35	40	44	33	22	22	34	33	35	36	34.7
Greenville	Maximum	62	60	50	55	67	58	62	57	54	54	49	47	34	39	38	52	53	35	36	52	69	72	71	60	50	33	50	50	49	53	58	52.5
	Minimum	49	45	41	46	43	39	39	44	34	34	33	34	25	26	29	26	35	27	23	27	33	42	42	43	33	22	25	35	38	38	37	35.2
Greenwood	Maximum	63	65	62	53	60	70	59	62	60	44	55	56	52	34	40	37	60	56	44	43	53	37	70	71	62	44	33	49	50	53	55	55.3
	Minimum	35	47	49	49	48	33	33	37	42	34	33	35	31	28	30	28	33	27	23	23	28	36	42	42	40	29	21	29	30	36	38	34.3
Heath Spring	Maximum	65	66	63	67	68	67	66	64	65	63	62	58	60	56	58	57	56	58	40	55	65	66	70	71	68	40	36	51	50	51	55	59.3
	Minimum	43	44	43	43	45	31	39	47	34	33	32	31	30	27	29	29	28	27	21	33	35	37	38	40	34	22	21	33	32	34	35	33.5
Kershaw	Maximum	68	67	60	64	72	60	63	60	58	56	54	54	47	45	45	57	56	41	40	51	70	75	73	64	48	39	41	53	53	54	56	56.1
	Minimum	38	47	48	45	56	31	33	47	39	34	30	43	29	28	31	26	38	28	21	22	30	45	43	38	35	24	25	33	29	32	35	34.9
Landrum	Maximum	67	64	68	65	69	62	58	57	56	54	47	48	40	36	41	51	56	46	37	55	71	74	74	64	57	35	50	55	48	52	53	55.2
	Minimum	42	42	44	45	42	37	28	45	36	33	28	40	28	28	28	23	39	26	20	18	27	40	52	45	35	22	46	29	29	29	40	34.4
Laurens §§§	Maximum	64	61	52	58	71	58	63	59	44	58	55	54	33	39	44	58	56	40	39	52	69	77	72	61	44	34	46	56	49	53	57	53.8
	Minimum	31	40	45	47	44	39	28	49	42	34	26	41	31	29	31	25	28	28	24	23	25	27	32	32	33	29	23	28	27	30	32	32.4
Liberty	Maximum	64	62	58	58	68	60	63	59	59	56	49	51	42	42	42	52	55	49	40	53	70	73	71	65	58	38	53	55	50	55	59	55.8
	Minimum	49	43	45	45	52	38	31	43	38	34	30	42	27	26	33	26	37	28	24	23	27	34	41	36	38	24	24	30	33	33	37	34.5
Little Mountain	Maximum	67	64	58	65	70	65	63	60	57	55	56	59	43	38	41	58	55	52	45	55	68	72	72	64	53	35	39	48	52	55	58	56.2
	Minimum	40	50	49	49	50	31	37	48	41	33	35	41	31	28	30	28	42	27	23	38	35	44	41	43	55	28	23	32	40	43	43	37.5
Meriwether	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monetta	Maximum	68	64	60	59	71	65	61	63	62	54	60	54	50	43	42	59	59	54	41	56	68	72	72	69	62	41	40	53	59	55	59	58.0
	Minimum	42	47	50	51	57	37	38	45	44	35	34	41	33	30	32	29	44	29	25	27	35	41	45	44	41	31	25	35	33	39	42	38.1
Newberry	Maximum	70	72	67	60	72	62	65	68	62	60	61	55	52	40	45	50	63	49	41	45	70	75	77	66	54	40	45	53	54	55	62	58.4
	Minimum	40	46	40	40	41	36	35	30	35	33	29	36	24	28	22	35	26	29	24	25	27	35	36	36	36	31	22	32	29	22	35	32.2
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Santuck	Maximum	67	62	55	57	72	60	58	62	59	58	51	54	46	37	43	57	56	44	39	52	69	74	74	64	46	37	45	52	52	48	58	55.1
	Minimum	37	43	43	46	54	26	26	40	39	33	25	42	32	29	32	25	34	29	23	23	31	25	30	32	30	32	23	31	25	30	32	32.0
Spartanburg	Maximum	66	61	49	55	70	58	59	58	58	46	49	50	43	35	42	52	52	46	36	50	69	72	72	63	54	36	46	50	46	48	53	53.0
	Minimum	45	42	42	46	53	35	33	45	38	33	28	41	30	26	30	25	40	29	23	22	22	34	44	36	38	26	20	28	29	30	42	34.0
Trenton	Maximum	66	64	63	58	69	57	63	64	60	58	58	53	44	40	42	58	60	50	40	53	61	68	71	63	53	41	41	50	56	56	58	56.1
	Minimum	40	48	48	51	51	35	43	45	45	35	35	34	32	30	31	29	40	29	25	27	36	40	40	42	40	21	24	34	34	39	40	37.3
Walhalla	Maximum	66	68	53	58	70	63	64	58	57	60	54	51	40	44	44	54	57	46	40	56	74	75	73	64	54	37	56	56	49	57	61	56.7
	Minimum	43	38	42	43	48	26	28	42	38	33	28	40	27	26	30	28	30	25	22	22	36	34	39	35	35	26	25	28	30	31	32	32.6
Winnsboro	Maximum	68	66	55	59	70	59	65	60	46	56	55	52	34	40	41	58	56	42	40	51	68	73	73	63	44	32	41	52	52	52	58	54.2
	Minimum	39	49	50	46	48	33	35	40	44	34	30	32	31	28	31	28	32	27	22	24	28	35	43	41	36	29	22	32	31	35	39	34.6
Winthrop College	Maximum	65	62	60	57	70	58	60	56	44	56	52	50	41	36	46	54	53	48	38	50	70	72	74	64	52	38	49	52	48	46	56	53.9
	Minimum	40	50	50	44	33	34	54	48	37	34	29	40	29	29	32	27	28	29	21	23	32	42	46	38	35	22	21	30	30	33	34	34.5

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., FEBRUARY, 1921 No. 2.

GENERAL SUMMARY.

February, 1921, was remarkably mild, on the whole, and was well up in the group of warm winter months. During practically the entire period between the 4th and 18th the daily mean temperatures ranged 5° to 22° above normal. Precipitation averaged above normal and was abundant in the Piedmont sections, but unusually light on the coastal plain generally.

On account of sustained precipitation up-State during first half of the month, but little plowing could be done in the central and upper counties, but outdoor work progressed favorably on the coastal plain. The mild weather was favorable for the growth of wheat, oats, and rye, which afforded some winter pasturage. In the trucking districts, cabbage, beets, lettuce, and spinach made satisfactory advance. White potato planting began during the closing week, and young tobacco in beds was growing slowly. The cool nights kept fruit in check, but peaches began blooming northward in the central counties by the closing week.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 10 inches. The highest pressure in the region covered by reports was 30.48 inches at Wilmington, N. C., on the 18th, and in the Section proper, 30.43 inches at Columbia on the 19th; the lowest pressure was 29.57 inches at Due West on the 10th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 49.4°, or 2.4° above the established normal. The highest temperature was 85° at Yemassee, Hampton County, on the 8th. The warmest period was from the 5th to the 18th. The lowest temperature was 19° at Santuck, Union County, on the 21st. The coldest periods were on the 1st and 2d and from the 19th to the 25th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 85%; noon, 67%; 8 p. m., 74%. The greatest percentages occurred along the coast, and the least, over the interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 4.73 inches, or 0.37 inch above the established normal. Precipitation occurred in two well-defined periods, but the bulk of the month's rainfall was recorded during the first 11 days. As to amounts, the Piedmont Counties showed considerable excesses, with totals of 5 to over 9 inches, while deficiencies were particularly marked on the coastal plain, where the measurements ranged downward from 4 to less than 2 inches. The greatest local monthly amount was 9.68 inches at Walhalla, Oconee County, and the least was 1.26 inches at Charleston. The greatest amount during any 24 hours was 2.75 inches at Liberty, Pickens County, on the 8th and 9th. The average number of rainy days was 12% above normal.

The monthly snowfall ranged from Traces to 4.0 inches and was confined principally to the 21st and 22d.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.2 miles. The highest average velocity was 11.9 miles per hour at Savannah, Ga., and in the Section proper, 10.4 miles per hour at Charleston; the lowest average velocity was 5.3 miles per hour at Augusta, Ga., and in the Section proper, 6.7 miles per hour at Columbia. The highest velocity for any 5-minute period was 45 miles per hour from the west at Savannah, Ga., on the 11th, and in the Section proper, 43 miles per hour from the northwest on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 162.3 hours, or 54% of the possible amount. The average number of clear days was 12; partly cloudy, 7, and cloudy, 9, as against normals of 13, 6, and 9 days, respectively.

RIVER CONDITIONS.

Heavy rains in the higher elevations of the Carolinas between the 8th and 11th were followed by unusually high flood waters in practically all the streams of the State. The Santee River was in flood throughout the month. The unavoidable losses in the Santee System approximated $6390, and the value of movable property saved by timely warnings was estimated at about $50,475. In the Pee Dee System the value of movable property saved by warnings approximated $10,000, with only nominal losses.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Due West, 17; Greenville, 20; Walhalla, 17. *Solar:* Columbia, 6; Due West, 3, 7, 8, 24, 26; Greenville, 7, 17, 26; Walhalla, 26.

Sleet.—Columbia, 21; Landrum, 12; Liberty, 19; Little Mountain, 21; Santuck, 1; Trenton, 8.

Thunderstorms.—Bowman, 27; Charleston, 27; Clemson College, 5, 7, 9; Columbia, 7; Darlington, 9; Greenville, 7, 8, 9, 10; Landrum, 7, 8; Laurens, 8; Little Mountain, 5; Monetta, 5, 7; Santuck, 8; Trenton, 5, 8; Walhalla, 5, 7, 8, 10.

MISCELLANEOUS DATA FOR FEBRUARY, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.11	42.2	71	22	3.35	1.22	9.5	nw.	85	61	70	42
Augusta, Ga.	30.10	52 0	80	32	3.85	1.54	5.3	nw.	84	63	69	61
Charleston, S. C.	30.09	53.6	79	37	1.26	0.43	10.4	sw.	89	69	83	58
Charlotte, N. C.	30.09	45.5	72	22	4.61	1.63	7.5	sw.	85	73	75	58
Columbia, S. C.	30.10	50.2	76	29	4.49	2.01	6.7	ne.	82	64	63	55
Due West, S. C.*	30.12	46 8	72	20	6.09	2.07	8.3	sw.	86	67		49
Greenville, S. C.	30.08	46.8	76	25	8.87	2.68	8.0	ne.	83	71	73	50
Savannah, Ga.	30.09	55.6	82	36	1.17	0.44	11.9	nw.	84	66	78	60
Wilmington, N. C.	30.10	50.5	77	33	3.32	0.74	7.6	w.	83	65	80	49
Means and extremes	30.10	49.2	82	20	4.17	2 68	8 2	sw. nw.	85	67	74	54

Climatological Data for February, 1921.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Allendale	Allendale	186	40	51.8	+3.6	80	9	32	†24	38	1.98	−2.17	0.70	0	9	4	17	7	w.	R. B. Vance.
Blackville	Barnwell	296	38	[c]54.9	+7.7	[c]79	10	29	1	[c]38	2.70	−1.77	1.25	0	6	20	5	3	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	48.4	+1.0	78	8	27	3	46	3.86	−0.37	1.55	0	7	16	5	7	w.	B. O. Evans.
Charleston	Charleston	48	50	53.6	+1.9	79	17	37	22	26	1.26	−2.15	0.43	0	10	9	7	12	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	46.6	+1.9	76	14	25	† 3	43	3.43	−0.99	1.25	T.	6	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	50.8	+3.5	79	17	32	13	44	3.07	−1.52	1.06	0	8	10	0	18	ne.	Paul Quattlebaum.
Darlington	Darlington	175	26	[b]49.0	+4.4	[a]80	18	[b]26	26	[b]39	2.00	−2.60	0.45	T.	8	12	14	2	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	4.49	−0.94	1.10	0	9	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	50.7	+3.0	78	17	30	† 3	41	2.99	−1.09	1.20	0	8	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	50.4	+4.8	79	17	29	22	36	4.27	−0.13	1.40	0	6	15	3	10	sw.	H. K. Gilbert.
Florence 2	....do	136	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	53.4	.....	84	8	30	† 3	46	1.66	.....	1.08	0	10	8	11	9	sw.	Maner B. Robert.
Georgetown	Georgetown	12	29	52.6	+4.1	84	15	31	19	42	3.10	−1.44	1.18	0	5	14	12	2	n.	A. P. Hazard.
Kingstree	Williamsburg	54	40	51.0	+3.9	75	†16	30	26	39	3.08	−1.15	0.92	0	9	18	1	9	ne.	W. H. Matthews.
Oaks	Georgetown	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	5	[d]52.2	.....	[c]78	14	[d]28	26	[d]43	5.32	.....	2.40	0	10	13	5	10	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	1	.....	.....	.....	.....	.....	.....	.....	6.07	.....	2.40	0	9	13	8	7	n.	State A. and M. College.
Paris Island	Beaufort	13	37	56.4	+5.0	80	† 8	36	24	35	1.40	−2.49	0.50	0	5	9	4	15	ne.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	49.5	+1.4	77	†16	31	26	.....	2.00	−1.52	1.05	0	6	8	12	8	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	3.82	.....	2.00	0	7	.....	.....	.....	.....	William B. Wolfe.
St. George	Dorchester	109	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Davis.
St. Matthews	Calhoun	62	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Frances M. Antley.
Society Hill	Darlington	192	31	[b]48.8	+4.4	[b]77	14	[a]30	22	[b]36	4.58	−0.18	1.28	T.	9	13	4	11	s.	A. H. Rogers.
Summerville	Dorchester	75	24	52.7	+3.9	80	† 9	31	† 3	46	2.24	−2.20	0.90	0	9	18	4	6	w.	E. P. Lawton.
Walterboro	Colleton	69	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. N. Frank.
Whitehall (near)	Colleton	13	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Combahee Company.
Yemassee	Hampton	24	33	54.1	+5.7	85	8	29	26	45	1.58	−2.45	1.00	0	5	16	3	9	ne.	W. C. Hutson.
Division means and	extremes	.....	.....	51.4	+4.1	85	8	25	† 3	46	3.08	−1.31	2.46	T.	8	13	6	9	w.	
Western Portion.																			
Aiken	Aiken	527	60	52.2	+3.2	78	8	28	24	42	3.55	−0.53	1.19	0	10	14	2	12	ne.	Frank B. McCoy.
Anderson	Anderson	764	26	48.8	+4.9	75	14	26	22	44	7.49	−2.21	1.84	1.0	13	11	2	15	w.	H. H. Russell.
Batesburg	Lexington	656	38	49.2	+4.4	75	8	27	22	41	4.26	−1.52	1.36	T.	10	14	5	9	ne.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	5.27	+1.37	1.72	1.0	10	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	46.2	.....	73	14	25	†22	34	5.81	+0.65	1.40	0.8	11	9	4	15	ne.	L. M. Parker.
Camden	Kershaw	222	74	.....	.....	.....	.....	.....	.....	.....	5.32	+1.37	1.60	T.	10	15	1	12	w.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	6.49	+1.98	1.85	4.0	9	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	5.19	+1.48	1.20	1.0	10	.....	.....	.....	.....	J. J. Murran.
Clemson College	Oconee	850	30	47.4	+5.0	74	14	24	3	45	9.00	+4.58	2.41	2.4	11	8	9	11	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	50.2	+2.4	76	14	29	22	31	4.49	−0.10	2.01	0.2	12	8	11	9	ne.	U. S. Weather Bureau.
Due West	Abbeville	.....	.....	46.8	.....	72	14	20	22	32	6.09	.....	2.07	1.7	13	8	11	9	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	7	.....	.....	.....	.....	.....	.....	.....	5.17	.....	1.71	2.4	9	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	6.27	+1.87	1.29	0.5	11	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	46.8	+6.3	76	14	25	3	32	8.87	+3.59	2.68	0.2	15	10	8	10	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	46.5	+3.5	72	15	24	23	39	4.47	−0.34	1.23	2.0	8	15	0	13	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	48.3	+6.3	70	†14	24	22	39	4.92	+0.64	1.48	2.0	8	10	8	10	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	5	48.4	.....	75	14	23	22	45	6.05	....	1.94	0.2	9	14	1	13	w.	John W. Hamel.
Landrum	Spartanburg	1063	6	46.2	.....	77	14	26	† 4	42	4.48	.....	2.14	T.	13	13	8	7	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	3	[c]44.1	.....	[c]68	10	[c]21	22	[c]36	7.61	.....	2.37	1.0	9	.....	.....	.....	.....	Perry A. Simpson.
Liberty	Pickens	900	22	47.7	+5.2	77	14	24	3	49	6.17	+0.38	2.75	3.0	14	8	13	7	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	48.9	+3.7	75	14	26	22	39	2.35	+2.44	0.45	0.5	11	13	2	13	w.	J. M. Sease, M. D.
Meriwether	McCormick	450	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	14	51.2	+3.4	76	7	29	†22	41	5.77	+0.94	2.60	T.	12	6	15	7	w.	Joseph M. Johnson.
Newberry	Newberry	502	18	49.0	+4.8	76	14	26	†22	46	5.09	+0.95	1.62	0.2	10	9	13	6	w.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	7.98	+2.50	2.70	2.0	10	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	46.2	+3.6	74	13	19	21	47	6.92	+1.98	1.80	2.5	12	12	7	9	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	46.8	+4.4	75	14	27	22	45	6.89	+2.13	1.93	1.3	9	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	50.4	+3.3	76	8	28	22	39	6.28	+0.86	2.60	T.	9	14	7	7	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	47.0	+3.8	78	14	24	3	52	9.68	+4.46	2.35	1.1	13	8	9	11	s.	H. W. Brandt.
Winnsboro	Fairfield	545	31	47.0	+2.0	73	15	25	22	38	4.59	+0.31	0.99	0.5	10	15	4	9	w.	Rev. Oliver Johnson
Winthrop College ††	York	690	22	46.6	+3.9	72	17	21	22	35	3.67	−0.45	1.25	3.0	9	16	2	10	n.	W. P. Goodman.
Division means and	extremes	.....	.....	47.9	+3.6	78	† 8	19	21	52	5.88	+1.19	2.75	1.2	10	11	7	10	w.	
Section means and	extremes	.....	.....	49.4	+2.4	85	8	19	21	52	4.73	+0.37	2.75	0.7	9	12	7	9	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡ Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for February, 1921.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah		.70	T.	.05	T.	.12			.40											.25		.16		.20	.05	.05					1.98
Blackville ||||	Edisto		.75		.25	.20				1.25		.10									.15											2.70
Bowman	do	T.			T.	.68			1.55			.70								T.	.30	.28		.15			.20					3.86
Charleston ***	Coast	.06	.37		.09	.12			.36		T.								T.	.02		.10		.05		.02		.07				1.26
Cheraw |||	Pee Dee			.22		T.			.72	.55	.34	1.25									.35		T.									3.43
Conway ||||	Waccamaw		1.06			T.	.22		.67	.44	.02										.18	T.	.43	.05		T.			T.			3.07
Darlington ||||	Pee Dee		.37			T.	.20		.32	.25	.45	.20									.12		.09			T.			T.			2.00
Effingham ||||	Lynches		1.10			T.	.36		.90	.48	.71	.34									T.	.16	.35		.09							4.49
Ferguson |||	Santee		1.20			.03	.23		.75			.18										.09	.42		.09							2.99
Florence 1 |||	Pee Dee						1.19			1.40	.65	.34									.41		.28									4.27
Florence 2 |||	do																														
Garnett	Savannah	.01	1.08		.01	.02			.03		T.	T.								T	.05	.08	.01	.23		.14						1.66
Georgetown	Coast	.32	1.15		T.				1.18											T.	T.	.25	.20									3.10
Kingstree ||||	Black		.92				.18		.80		.05	.13								.25		.52		.06	T.			.17			3.08
Oaks	do																															
Orangeburg 1	Edisto	.02	.81		.04	.23			1.08	.08	.12	2.40									.28	.14	.12									5.32
Orangeburg 2	do	.82			.50	.18			1.08			2.40									.43	.46		.10				.10				6.07
Paris Island	Coast		.40			.30	.50																.10				.10					1.40
Pinopolis	Cooper	1.05			.10	.20			.43													.12					.10					2.00
Rimini ||||	Santee		.50				.23		2.00		.30	.12									.30		.28		.09							3.82
St. George |||	Edisto																															
St. Matthews |||	Santee																															
Society Hill ||||	do		.65			.02	.31		.51	.73	.48	1.38								.33		.17			T.						4.58
Summerville	Ashley	.02	.90		.05	.11			.89													.09		.11	.05				.02			2.24
Walterboro	Ashepoo																															
Whitehall (near)	Combahee																															
Yemassee ||||	Ashepoo		1.00		.05																.16				.23		.14					1.58
Western Portion.																																
Aiken	Edisto	.11	.25			.13			1.14		1.19										.25	.13	.22	.11	.02							3.55
Anderson	Savannah	.10	.15			.63		.28	1.52	1.48	1.84									.15	.64	.20	.15	.10		.25						7.49
Batesburg ||||	Edisto		.23				.29		.31	.09	1.28	1.36									.09		.37		.14	.20						4.36
Blairs ||||	Broad		.31				.39		.73	1.72	.53	.55									.78		.18		.09	.08						5.27
Calhoun Falls ||||	Savannah		.47				.40		1.33	.20	1.40	.43	T.								1.02		.16		.30	.08		.02				5.81
Camden ||||	Wateree		.42				.48		.61	.79	.62	1.60									.40		.12		.10	.18						5.32
Catawba ||||	Catawba			.10			.33		.86	1.85	.40	1.85									.85		.22				.03					6.49
Chappells ||||	Saluda		.30				.32		1.20	.60	.70	.75									.78		.19		.15	.20						5.19
Clemson College	Savannah	.25				.88		*	*	3.85	2.41									1.10		.14		.06		.28	.03					9.00
Columbia ***	Congaree	.31	.11		T.	.28		.92	.20	.51	1.52									.01	.32	.25		.01	T.	.05						4.49
Due West		.23	T.			.50		.82	.64	2.03	.78						T			.21	.45	.14		.04	.13	.09		.03				6.09
Edgefield ||||	Savannah			.39			.37		1.67	.04	1.71											.40	.24		.20	.15						5.17
Gaston Shoals |||	Broad		.26				.35		1.29	1.15	.87	1.14									.99	.02	.13	.01	T.			.06				6.27
Greenville ***	Saluda	.35				.76		1.10	.91	1.67	2.45									.71	.51	.29		.03		.06		.03				8.87
Greenwood ||||	do		.41						1.23	.77	1.01	.52											.26		.14	.13						4.47
Heath Spring	Wateree	.31				.32			.87	1.14	1.48										.58	.20		.02		T.						4.92
Kershaw |||	Lynches	.13	.45			.30			1.09	1.25	1.94										.59	.04	.26									6.05
Landrum	Broad	.04	.16			.12			1.08	.10	2.14	.05	T.							.43	.12	.02	.09	.07				.06					4.48
Laurens ||||	Saluda	T	.27			.26			1.71	2.37	1.70									.95			.18		.17							7.61
Liberty	Savannah	.46	.01	T	.64	.50		.20	.80	2.75	.30		T.							.25	.35	.20		.04		.02		.01				6.17
Little Mountain	Saluda	.15	.25			.33			.23	.21	.22									.02	.45	.29		.10		.10						2.35
Meriwether	Savannah																															
Monetta	Edisto	.16	.31			.31			1.25		2.60	.11									.43	.29	.13	.06	.01	.11						5.77
Newberry	Saluda	.15	.20			.35			1.10	.65	1.62											.90	.02		.05	.05						5.09
Pelzer ||||	do		.20				.70		.76	2.70	1.20	1.06									.86		.22		.10	.18						7.98
Saluda	do																															
Santuck	Broad	.17	.17	T.	.32				1.62	1.80	1.40								.04	.96	.14	.20	.02			.08						6.92
Spartanburg ||||	do		.17			T.	.53		.90	1.93	1.10	.93								1.10		.13				.10					6.89
Trenton	Edisto	.47			T.	.40			1.80	.06	2.60										.44	.20		.20		.11						6.28
Walhalla	Savannah	.13	.10			.79		1.10	1.05	2.03	2.35	T.								12	1.50	.11		.16		.20		.04				9.68
Winnsboro	Broad		.33				.35		.53	.94	.59	.99									.61		.07		.07	.11						4.59
Winthrop College	Catawba	.06	.15			.21			1.00		1.25	.08									.70		.20	.02								3.67

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.6	80	24	3.41	12				
1888	49.9	76	15	4.83	10				ne.
1889	41.9	75	10	5.60	8				*w.
1890	56.1	83	21	2.38					sw.
1891	54.7	83	13	4.23					sw.
1892	49.2	73	18	3.64					*sw.
1893	51.0	82	25	5.05	12				
1894	48.9	76	16	4.35	10	8	9	11	sw.
1895	37.4	78	− 6	3.07	7	13	6	9	nw.
1896	48.2	81	5	6.13	8	13	8	8	sw.
1897	50.0	83	15	7.80	11	10	7	11	sw.
1898	44.5	78	10	0.86	3	15	6	7	w.
1899	43.0	80	−11	6.98	12	9	7	12	w.
1900	44.0	78	1	5.77	10	9	7	12	w.
1901	43.2	78	7	3.08	6	14	7	7	nw.
1902	40.6	77	11	5.89	8	12	6	10	nw.
1903	49.0	81	11	7.03	10	10	7	11	sw.
1904	45.2	86	15	3.59	9	12	6	11	ne.
1905	38.9	72	0	5.21	9	10	4	14	ne.
1906	46.0	76	12	2.58	6	16	5	7	ne.
1907	45.1	84	16	3.63	8	10	8	10	ne.
1908	43.6	81	12	5.28	10	14	6	9	w.
1909	52.2	84	12	4.49	8	15	7	6	sw.
1910	44.7	79	15	4.71	9	12	6	10	w.
1911	52.1	85	20	1.60	5	13	8	7	sw.
1912	42.3	80	8	5.99	8	15	5	9	w.
1913	48.9	80	22	4.50	8	12	4	12	w.
1914	44.6	78	14	4.41	9	12	6	10	n.
1915	48.6	80	20	3.15	6	15	6	7	n.
1916	48.5	81	11	3.96	8	17	6	6	sw.
1917	47.3	87	− 2	4.11	8	14	7	7	sw.
1918	52.4	88	11	1.89	7	14	7	7	sw.
1919	47.5	75	17	4.73	10	14	4	10	ne.
1920	42.8	76	8	4.05	8	12	5	12	nw.
1921	49.4	85	19	4.73	9	12	7	9	w.
Period	47.0	88	−11	4.36	8	13	6	9	sw.

*Also nw.

Daily Temperatures for February, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	68	45	43	55	54	62	70	75	80	77	65	60	55	65	76	72	77	76	72	62	56	40	54	60	51	50	64	69	....	[a]	....	62.4
	Minimum	37	37	33	36	42	40	41	42	45	60	52	38	36	46	48	50	50	49	43	42	36	34	34	32	35	32	40	41	....	....	....	41.1
Blackville	Maximum	65	....	53	54	59	68	78	75	78	79	75	74	72	76	71	78	77	70	69	68	....	....	60	52	53	56	70	69	....	....	....	[c]68.0
	Minimum	29	35	32	38	44	58	44	46	53	55	47	45	40	46	48	48	49	45	36	46	32	35	33	32	39	40	40	35	....	....	....	41.8
Bowman	Maximum	45	46	60	52	58	72	77	78	75	74	68	55	65	75	76	76	77	65	50	55	45	45	50	48	53	50	55	60	....	....	....	60.9
	Minimum	35	33	27	34	33	40	38	48	50	52	45	33	29	38	40	41	43	47	36	36	33	35	32	29	35	32	30	32	....	....	....	37.0
Charleston	Maximum	52	46	55	57	61	65	67	74	76	68	66	56	55	76	62	73	79	62	51	64	44	53	65	50	51	60	62	60	....	....	....	61.1
	Minimum	52	46	55	57	61	65	67	74	76	68	66	56	55	76	62	73	79	62	51	64	44	53	65	50	51	60	62	60	....	....	....	46.1
Cheraw	Maximum	48	38	54	50	55	68	75	69	70	65	58	53	63	76	68	75	75	60	40	48	48	56	53	48	68	64	68	68	....	....	....	59.7
	Minimum	30	31	25	30	34	31	33	34	35	35	48	32	28	33	40	43	45	33	33	35	32	26	30	30	33	25	38	35	....	....	....	33.5
Conway	Maximum	50	40	54	54	54	70	72	75	75	71	61	65	65	76	68	77	79	62	62	62	38	56	65	49	54	66	65	66	....	....	....	62.5
	Minimum	37	35	35	35	35	38	38	43	54	53	40	36	32	45	45	45	51	39	38	38	34	33	34	34	34	33	41	42	....	....	....	39.2
Darlington §§	Maximum	50	44	57	52	56	....	76	70	74	62	61	57	62	79	75	78	80	61	41	54	36	57	60	51	53	64	68	67	....	....	....	[a]60.9
	Minimum	30	34	29	34	37	37	....	....	52	53	49	36	30	40	42	44	50	47	36	36	34	28	34	28	28	26	36	37	....	....	....	[b]37.2
Ferguson §§	Maximum	....	49	49	52	54	65	69	76	75	76	71	59	60	63	75	76	78	76	61	58	55	45	56	62	50	53	62	60	....	....	....	62.6
	Minimum	48	49	53	62	66	66	68	69	71	66	58	56	60	65	68	78	79	68	48	51	44	56	56	50	58	64	68	70	....	....	....	38.8
Florence I	Maximum	33	35	31	37	38	37	41	41	49	60	49	37	33	44	45	47	52	48	38	39	39	29	37	33	30	33	34	38	....	....	....	61.2
	Minimum	33	35	31	37	38	37	41	41	49	60	49	37	33	44	45	47	52	48	38	39	39	29	37	33	30	33	34	38	....	....	....	39.5
Garnett	Maximum	58	46	58	56	59	75	80	84	81	78	74	61	67	78	75	81	79	70	57	60	53	57	68	52	52	67	71	68	....	....	....	66.6
	Minimum	39	39	30	41	46	41	46	57	59	60	50	36	32	40	42	47	45	45	46	46	38	36	31	33	37	30	37	38	....	....	....	40.1
Georgetown	Maximum	51	47	57	53	50	70	73	78	78	72	72	58	65	74	84	77	80	58	65	64	50	58	67	61	53	65	63	68	....	....	....	64.6
	Minimum	34	34	33	38	43	41	42	48	53	55	53	35	32	40	44	48	52	52	31	40	36	33	33	35	35	33	40	46	....	....	....	40.7
Kingstree	Maximum	55	42	49	54	57	62	71	72	74	70	67	53	53	72	66	75	75	70	54	54	48	50	61	53	50	61	64	60	....	....	....	60.4
	Minimum	35	33	32	37	39	38	42	60	56	60	51	33	33	40	45	58	49	51	39	44	35	31	32	35	35	30	50	44	....	....	....	41.7
Oaks	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	[e]	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Orangeburg I	Maximum	61	44	53	53	62	70	79	77	76	72	....	....	....	78	72	78	76	71	59	54	53	56	59	54	52	64	68	66	....	....	....	[c]64.2
	Minimum	34	35	33	33	40	36	40	58	58	59	....	....	....	....	45	46	46	48	38	38	35	32	32	32	37	28	38	42	....	....	....	[d]40.1
Paris Island §§	Maximum	57	50	58	59	63	74	79	80	79	70	68	58	65	80	70	77	80	69	70	64	53	72	71	69	57	66	66	68	....	....	....	67.6
	Minimum	41	40	38	42	44	46	50	57	53	56	53	40	39	47	50	51	52	50	46	49	40	37	41	36	42	39	45	42	....	....	....	45.2
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
St. Matthews	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	[b]58.5
Society Hill §§	Maximum	46	45	54	50	55	68	71	69	70	66	60	54	60	77	65	73	76	56	52	45	35	54	56	50	51	63	....	....	....	....	....	[a]39.0
	Minimum	32	34	30	35	39	37	38	54	52	54	48	34	31	42	44	44	52	46	31	37	34	30	34	33	37	31	41	....	....	....	....	65.2
Summerville	Maximum	51	48	56	55	61	74	77	79	80	71	69	60	67	79	72	79	80	66	54	63	48	55	66	54	54	70	69	68	....	....	....	40.2
	Minimum	37	39	31	38	37	40	44	52	51	58	50	35	33	40	46	49	48	48	43	37	38	40	31	33	33	31	31	33	....	....	....	.....
Walterboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	67.2
Yemassee	Maximum	62	47	59	54	60	76	79	85	82	79	74	59	68	78	73	82	80	72	58	60	53	58	68	54	54	68	71	68	....	....	....	41.0
	Minimum	36	38	31	40	44	41	45	58	58	58	50	35	33	38	44	45	49	45	45	45	35	35	32	32	35	29	36	37	....	....	....	
Western Portion.																																	
Aiken	Maximum	59	48	53	54	57	69	76	78	73	71	67	53	65	75	73	72	71	69	58	49	48	53	53	50	50	61	67	68	....	....	....	62.1
	Minimum	36	35	31	41	47	44	49	58	59	61	45	36	33	45	49	53	50	48	39	36	34	30	36	28	38	35	44	46	....	....	....	42.4
Anderson	Maximum	50	42	52	52	59	69	68	61	62	68	68	51	62	75	68	68	73	60	46	50	46	49	51	55	55	58	61	63	....	....	....	58.6
	Minimum	34	30	28	34	43	38	43	54	55	58	41	34	31	45	46	49	51	37	33	33	31	26	31	28	35	43	41	38	....	....	....	57.5
Batesburg	Maximum	57	47	50	51	57	59	64	75	70	63	64	57	63	74	70	71	71	69	45	52	40	53	51	46	40	50	49	52	....	....	....	38 9
	Minimum	35	33	31	37	45	43	47	55	57	59	43	36	33	46	51	50	51	47	37	37	33	27	36	28	36	32	42	39	....	....	....	40.9
Calhoun Falls §§	Maximum	41	43	51	51	59	66	71	65	68	71	53	51	65	73	68	68	70	58	39	54	35	43	48	54	52	60	62	65	....	....	....	57.3
	Minimum	35	32	26	26	35	36	37	43	55	56	40	32	29	30	40	40	48	45	37	32	32	25	25	26	26	30	30	35	....	....	....	35.1
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	54	42	50	50	57	61	63	61	62	65	62	51	62	74	71	67	70	69	54	53	53	44	53	54	52	55	58	60	....	....	....	58.1
	Minimum	32	28	24	28	43	35	39	34	55	58	43	34	29	42	40	44	50	35	34	33	33	32	29	30	37	30	41	34	....	....	....	36.6
Columbia	Maximum	44	44	54	52	58	68	73	67	72	68	66	51	64	76	66	72	73	58	43	51	40	54	53	49	50	61	64	65	....	....	....	59.1
	Minimum	35	33	32	41	44	42	46	57	60	60	42	38	33	47	48	49	52	43	36	36	32	29	36	30	38	34	44	38	....	....	....	41.2
Due West	Maximum	39	42	48	51	58	65	68	63	66	69	52	49	63	72	65	66	69	53	42	54	40	49	46	50	51	56	59	61	....	....	....	55.9
	Minimum	34	32	28	35	43	37	44	55	55	52	39	33	31	43	46	49	49	39	31	31	30	26	30	27	34	33	41	36	....	....	....	37.8
Greenville	Maximum	38	36	50	56	55	65	64	60	62	68	51	49	62	76	63	68	71	52	42	52	36	53	54	52	54	56	56	60	....	....	....	55.8
	Minimum	32	30	25	32	42	42	45	53	53	45	38	32	30	46	47	46	52	38	30	31	29	29	34	28	34	34	41	37	....	....	....	37.7
Greenwood	Maximum	60	40	44	50	54	58	65	70	62	66	69	52	52	63	72	67	65	70	58	50	50	35	49	46	52	50	58	55	....	....	....	56.5
	Minimum	33	32	29	30	37	38	41	41	55	56	42	33	33	33	45	45	48	40	37	31	34	24	24	27	29	31	36	35	....	....	....	36.5
Heath Spring	Maximum	53	49	50	51	54	65	69	68	66	65	61	59	65	70	69	64	70	68	58	55	53	50	48	45	43	58	61	62	....	....	....	59.0
	Minimum	32	32	32	35	40	41	41	52	43	58	44	39	31	35	44	44	52	41	33	33	30	24	35	28	32	32	34	36	....	....	....	37.6
Kershaw	Maximum	46	46	54	49	56	67	71	65	68	67	66	50	61	75	65	67	72	62	46	49	49	54	51	48	50	60	65	65	....	....	....	58.6
	Minimum	31	32	30	34	40	40	39	53	54	59	45	32	30	45	42	44	49	42	36	34	31	23	31	28	34	29	40	36	....	....	....	38.1
Landrum	Maximum	42	39	54	52	54	65	66	56	62	61	54	51	60	77	64	71	71	63	56	54	39	52	52	52	54	56	56	63	....	....	....	57.0
	Minimum	32	29	31	26	34	43	37	42	51	46	38	29	38	35	41	40	51	37	31	31	29	28	34	27	34	26	39	31	....	....	....	35.4
Laurens §§	Maximum	57	40	44	51	52	59	64	68	64	67	68	56	....	....	....	....	....	66	53	38	64	35	48	47	49	50	56	59	....	....	....	[c]54.8
	Minimum	31	32	26	27	34	32	32	36	55	58	43	30	....	....	....	....	....	38	36	32	34	21	28	26	28	27	30	32	....	....	....	[c]33.4
Liberty	Maximum	52	41	53	52	60	64	65	61	63	63	55	51	61	77	67	76	72	63	48	53	46	50	55	51	55	58	60	63	....	....	....	58.4
	Minimum	34	29	24	38	42	35	38	53	53	53	41	31	28	28	39	43	53	38	34	32	30	30	33	26	46	36	41	33	....	....	....	37.0
Little Mountain	Maximum	43	43	47	52	58	66	71	68	60	67	66	68	70	75	65	67	70	61	51	50	40	50	48	48	48	56	62	62	....	....	....	58 3
	Minimum	32	32	32	32	34	40	56	55	55	55	44	32	36	40	49	47	51	43	36	32	32	26	35	27	38	42	42	32	....	....	....	39.5
Meriwether	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Monetta	Maximum	57	45	53	52	58	68	76	75	71	68	67	50	64	74	72	72	70	66	55	53	52	53	52	49	50	62	63	64	....	....	....	61.1
	Minimum	35	35	31	38	46	42	47	57	58	60	45	35	33	44	50	51	49	47	38	35	33	29	34	29	37	33	44	39	....	....	....	41.2
Newberry	Maximum	45	65	53	54	61	68	65	62	69	69	70	63	64	76	70	68	75	65	50	56	48	52	51	52	51	59	62	65	....	....	....	61.0
	Minimum	32	33	28	35	42	35	39	45	55	57	40	33	30	45	40	46	45	42	36	34	27	26	31	26	36	29	38	35	....	....	....	37.1
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Santuck	Maximum	44	49	53	55	58	63	68	61	69	65	55	61	74	65	65	71	60	45	53	48	50	52	48	51	52	55	60	63	....	....	....	57.6
	Minimum	26	32	27	29	42	32	34	53	56	51	42	27	43	35	39	48	40	33	32	30	19	21	28	26	34	26	36	30	....	....	....	34.7
Spartanburg	Maximum	47	42	51	52	56	65	66	61	64	61	64	50	61	75	67	69	69	63	49	53	48	55	48	49	51	55	57	63	....	....	....	57.5
	Minimum	30	30	28	31	39	37	39	51	53	46	46	33	30	39	40	40	49	37	30	30	30	27	32	28	33	29	41	34	....	....	....	36.1
Trenton	Maximum	53	46	52	52	57	70	73	76	69	67	68	51	64	73	71	69	69	64	53	53	47	54	49	50	52	61	64	64	....	....	....	60.4
	Minimum	34	34	31	39	39	42	48	57	59	59	44	36	34	43	50	33	52	46	38	35	32	28	37	29	34	33	44	38	....	....	....	40.3
Walhalla	Maximum	47	44	54	51	60	66	64	61	61	63	62	52	63	78	76	72	74	60	50	54	49	48	56	56	56	57	61	64	....	....	....	59.2
	Minimum	28	28	24	26	40	37	40	50	54	56	40	28	26	40	40	35	43	33	33	33	30	29	28	26	33	29	36	30	....	....	....	34.8
Winnsboro	Maximum	42	46	52	50	57	67	71	64	68	67	55	50	62	73	65	66	72	55	39	50	35	53	49	48	49	58	62	63	....	....	....	56.7
	Minimum	32	33	30	32	39	39	38	44	54	58	45	33	33	35	44	45	50	41	36	34	32	25	30	27	32	34	37	36	....	....	....	37.4
Winthrop College	Maximum	44	44	52	54	55	64	68	64	67	64	55	50	60	66	64	66	72	63	47	50	36	52	49	48	54	55	58	64	....	....	....	56.6
	Minimum	31	30	27	34	34	36	35	51	50	46	42	31	31	40	42	44	50	39	32	32	30	21	35	26	32	44	44	35	....	....	....	36.6

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1.05
5C

UNIVERSITY OF ILLINOIS
MAY 21

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., MARCH, 1921. No. 3.

GENERAL SUMMARY.

The month was the warmest March of record by 0.5°. The mean temperatures throughout the Section averaged 5° to 18° per day above normal on 22 days of the month, and the cool periods were of short duration. Precipitation was considerably below normal and was badly distributed.

On account of sustained abnormal heat, all vegetation had developed from 3 to 4 weeks in advance of the season by the close of the month. All bush berries and tree fruits, except apples, were in full bloom by the 15th, and the woods were in full leaf by the 27th. Wheat, oats, rye, truck, gardens, pastures, and all outdoor work reflected the advanced season in general progress and condition. Corn planting began along the coast during the first week and became general as the month advanced, with the crop coming to good stands. Cotton planting had become general northward in the central counties by the close of the month, with some of the crop germinating. There was no material damage to fruits or the early field crops from frosts during the cold period at the close of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.17 inches. The highest pressure in the region covered by reports was 30.47 inches at Wilmington, N. C., on the 20th, and in the Section proper, 30.45 inches at Charleston and Columbia on the 21st and at Greenville on the 23d; the lowest pressure was 29.82 inches at Asheville, N. C., on the 9th, and in the Section proper, 29.85 inches at Columbia on the 31st.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 62.5°, or 7.5° above the established normal and 0.5° above the average of the previous warmest March. The highest temperature was 91° at Paris Island, Beaufort County, and Darlington, Darlington County, on the 16th, at Trenton, Edgefield County, on the 17th, and at Garnett, Hampton County, on the 22d and 27th. The lowest temperature was 28° at Santuck, Union County, and Walhalla, Oconee County, on the 4th. There were four periods of abnormally high temperatures and four short periods during which the mean temperatures were close to or below normal. The last killing frosts were confined principally to February.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 57%; 8 p. m., 69%. The greatest percentages occurred along the coast and over the extreme northwestern counties, and the lowest, in the north-central counties.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 2.28 inches, or 1.58 inches below the established normal. Precipitation was more or less intermittent during the middle and latter parts of the month, and the amounts were relatively light, ranging downward from 3 inches to less than 1 inch, except in some eastern and northwestern counties. The greatest local monthly amount was 4.42 inches at Florence No. 2, Florence County, and the least monthly amount was 0.77 inches at Batesburg, Lexington County. The greatest amount during any 24 hours was 2.02 inches at Garnett, Hampton County, on the 9th. The average number of rainy days was 25% below normal.

There was no snowfall during the month.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 8.8 miles. The highest average velocity was 12.1 miles per hour at Savannah, Ga., and in the Section proper, 10.7 miles per hour at Charleston; the lowest average velocity was 5.7 miles per hour at Augusta, Ga., and in the Section proper, 7.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 42 miles per hour from the northwest at Savannah, Ga., on the 16th, and in the Section proper, 38 miles per hour from the north at Charleston on the 29th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 238.6 hours, or 64% of the possible amount. The average number of clear days was 16; partly cloudy, 7, and cloudy, 8, as against normals of 14, 8, and 9 days, respectively.

RIVER CONDITIONS.

The Santee River fell below flood stage by the 15th, but continued relatively high; it was at or slightly above flood at Rimini on the 27th and at Ferguson on the 29th. The remaining rivers of the Section were uniformly low, incident to comparatively light rainfall up-State.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 17, 19; Due West, 17; Liberty, 28. *Solar:* Columbia, 10; Due West, 8, 12, 14, 16, 18, 21, 28; Greenville, 14, 28.

Hail.—Greenville, 18; Kingstree, 16.

MISCELLANEOUS DATA FOR MARCH, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.16	55.9	81	28	2.12	0.70	9.9	se.	81	49	62	56
Augusta, Ga.	30.18	65.4	88	40	1.40	0.75	5.7	s.	82	54	59	72
Charleston, S. C.	30.17	65.1	86	45	2.66	0.98	10.7	s.	87	61	84	67
Charlotte, N. C.	30.16	59.6	85	35	1.84	0.52	6.4	sw.	79	62	65	60
Columbia, S. C.	30.18	64.0	88	38	0.97	0.35	7.6	s.	83	55	62	62
Due West, S. C.*	30.20	60.9	84	35	1.97	0.81	8.9	sw.	82	54	..	60
Greenville, S. C.	30.15	59.0	82	36	2.42	1.11	9.2	sw.	83	61	66	60
Savannah, Ga.	30.17	67.0	87	46	1.74	0.95	12.1	s.	82	55	78	70
Wilmington, N. C.	30.20	63.0	85	38	1.44	0.99	9.0	s.	83	58	78	70
Means and extremes	30.17	62.2	88	28	1.84	1.11	8.8	s.	82	57	69	64

Climatological Data for March, 1921.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	64.6	+6.9	89	23	36	5	40	2.53	−1.29	1.10	0	4	12	15	4	w.	R. B. Vance.
Blackville	Barnwell	296	38	63.6	+5.5	90	†16	34	11	51	1.26	−2.43	0.91	0	3	22	4	5	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	63.0	+4.8	90	22	31	1	48	2.78	−1.41	1.40	0	4	15	8	3	sw.	B. O. Evans.
Charleston	Charleston	48	50	65.1	+7.9	86	16	45	30	29	2.66	−1.06	0.98	0	7	13	8	10	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	62.6	+8.9	88	†20	31	5	42	3.48	−0.24	0.85	0	7	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	62.8	+6.0	87	16	35	5	43	3.51	−0.19	0.86	0	8	10	2	19	sw.	Paul Quattlebaum.
Darlington	Darlington	175	26	[a]63.2	+5.9	[a]91	16	33	5	[a]41	1.95	−1.36	0.78	0	6	16	2	13	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	3.69	−0.38	1.30	0	5	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	62.0	+5.7	88	16	32	5	39	1.99	−1.40	0.87	0	7	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	64.6	+8.8	89	†15	37	1	40	4.26	+1.31	1.76	0	5	20	5	6	sw.	H. K. Gilbert.
Florence 2	....do	136	6	.....	.....	.....	.....	.....	.....	.....	4.42	+1.47	1.80	0	6	19	7	5	se.	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	66.8	.....	91	†22	34	† 1	45	2.56	.....	2.02	0	7	10	15	6	sw.	Maner B. Robert.
Georgetown	Georgetown	12	29	64.1	+6.2	90	†16	35	5	41	3.15	−0.30	1.00	0	6	22	8	1	w.	A. P. Hazard.
Kingstree	Williamsburg	54	40	63.1	+5.8	86	16	35	6	43	3.71	+0.26	1.30	0	7	18	0	13	e.	W. H. Matthews.
Oaks	Georgetown	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	O. M. Mitchell.
Orangeburg 1	Orangeburg	264	5	64.7	.....	89	16	34	5	46	1.97	.....	0.65	0	7	17	6	8	sw.	U. S. Fisheries Station.
Orangeburg 2	....do	264	1	.....	.....	.....	.....	.....	.....	.....	2.85	.....	0.96	0	7	19	6	6	s.	State A. and M. College.
Paris Island	Beaufort	13	37	67.3	+8.5	91	16	44	1	37	1.90	−0.47	0.70	0	5	18	2	11	w.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	62.7	+4.3	87	†15	40	1	.....	3.39	−0.26	1.72	0	6	17	6	8	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	William B. Wolfe.
St. George	Dorchester	109	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John W. Davis.
St. Matthews	Calhoun	62	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss Frances M. Antley.
Society Hill	Darlington	192	31	.....	.....	88	†16	.....	.....	.....	2.74	−1.62	0.69	0	8	18	4	9	s.	A. H. Rogers.
Summerville	Dorchester	75	24	65.0	+6.3	90	16	34	5	46	2.29	−1.14	0.81	0	7	21	4	6	sw.	E. P. Lawton.
Walterboro	Colleton	69	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. N. Frank.
Whitehall (near)	Colleton	13	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Combahee Company.
Yemassee	Hampton	24	33	65.7	+7.5	90	22	32	5	43	1.65	−1.92	1.15	0	2	23	2	6	ne.	W. C. Hutson.
Division means and	extremes	.....	....	63.0	+5.8	91	†16	31	† 1	51	2.80	−0.81	2.02	0	6	17	7	7	sw.	
Western Portion.																				
Aiken	Aiken	527	60	65.4	+10.3	88	22	39	4	38	1.31	−2.70	0.59	0	5	22	1	8	e.	Frank B. McCoy.
Anderson	Anderson	764	26	61.1	+6.7	86	21	34	4	41	1.40	−3.63	0.66	0	8	18	1	12	w.	H. H. Russell.
Batesburg	Lexington	656	38	.....	.....	.....	.....	36	4	.....	0.77	−3.80	0.23	0	6	14	11	6	nw.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	1.09	−2.48	0.56	0	5	.....	.....	.....	.....	A. N. Owens.
Calhoun Falls	Abbeville	508	23	58.1	.....	86	†21	33	† 4	40	2.01	−2.81	0.98	0	6	11	7	13	e.	L. M. Parker.
Camden	Kershaw	222	74	.....	.....	.....	.....	.....	.....	.....	2.08	−1.71	0.61	0	8	18	2	11	w.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	3.12	−1.01	1.30	0	8	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	1.40	−2.16	0.85	0	3	.....	.....	.....	.....	J. J. Morrah.
Clemson College	Oconee	850	30	60.1	+7.5	82	21	31	4	43	3.35	−1.49	1.31	0	6	10	9	12	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	64.0	+10.0	88	16	38	30	32	0.97	−2.73	0.38	0	8	10	11	10	s.	U. S. Weather Bureau.
Due West	Abbeville	711	....	60.9	.....	84	21	35	4	32	1.97	.....	0.81	0	8	10	6	15	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	7	.....	.....	.....	.....	.....	.....	.....	1.62	.....	0.68	0	8	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	2.27	−2.44	1.47	0	8	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	59.0	+8.4	82	21	36	4	30	2.42	−3.68	1.11	0	8	12	6	13	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	61.4	+8.2	85	22	34	4	39	1.97	−2.10	0.85	0	3	17	0	14	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	61.7	+7.6	84	20	35	† 4	36	3.93	+0.26	1.56	0	5	10	12	9	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	5	62.4	.....	87	†21	36	4	36	2.46	.....	0.78	0	7	20	0	11	w.	John W. Hamel.
Landrum	Spartanburg	1063	6	59.2	.....	86	21	34	11	45	2.92	.....	0.81	0	8	15	10	6	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	3	58.0	.....	85	21	31	5	42	1.16	.....	0.73	0	3	28	0	3	.....	Perry A. Simpson.
Liberty	Pickens	900	22	60.2	+7.1	88	21	31	4	46	0.82	−4.59	0.40	0	8	13	12	6	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	62.0	+5.9	85	†15	36	† 4	43	1.64	−2.23	0.64	0	6	19	3	9	sw.	J. M. Sease, M. D.
Meriwether	McCormick	450	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Marie R. Middleton.
Monetta	Saluda	400	14	64.5	+8.7	87	21	38	4	37	1.77	−2.10	0.40	0	10	8	16	7	ne.	Joseph M. Johnson.
Newberry	Newberry	502	18	64.8	+9.6	89	†16	35	† 1	43	1.34	−1.51	0.64	0	5	16	10	5	sw.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	....	.....	1.90	−2.90	1.10	0	8	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	[a]60.3	+6.7	[a]87	21	[a]28	4	[a]45	1.65	−2.81	0.78	0	8	14	10	7	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	59.9	+8.6	86	21	32	4	42	2.20	−2.75	1.10	0	7	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	63.8	+7.2	91	17	37	4	35	1.16	−3.27	0.84	0	3	14	8	9	s.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	58.8	+7.4	85	†15	28	4	42	2.65	−3.37	0.58	0	10	11	9	11	s.	H. W. Brandt.
Winnsboro	Fairfield	545	31	61.6	+8.1	85	†16	36	4	43	1.92	−2.17	0.51	0	9	19	7	5	sw.	Rev. Oliver Johnson
Winthrop College ††	York	690	22	61.9	+8.0	86	21	32	4	41	2.09	−1.86	0.75	0	7	19	4	8	n.	W. P. Goodman.
Division means and	extremes	.....	....	60.9	+5.6	91	17	28	4	46	1.91	−2.46	1.56	0	7	14	8	9	sw.	
Section means and	extremes	.....	....	62.5	+7.5	91	†16	28	4	51	2.28	−1.58	2.02	0	6	16	7	8	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA, FEBRUARY, 1921.

DUE WEST.—Mean temperature, Miscellaneous Data, page 5 and on page 6, should be 46.9; mean maximum temperature, page 8, should be 56.0.

Daily Precipitation for March, 1921.

Stations.	Watersheds.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah										.60		.20											.63						1.10			2.53
Blackville ||||	Edisto										.91									.15		.20											1.26
Bowman	do								1.40	.78		T.											.20					.40					2.78
Charleston ***	Coast								.97	.28			T		T.		.02						.56	.01	T.				.62	.20	T.		2.66
Cheraw |||	Pee Dee									.53	.18			.60										.45	.55	.85				.32				3.48
Conway ||||	Waccamaw									.83	.86		.50	.20				.51						.32	.05	T.				.24				3.51
Darlington ||||	Pee Dee									.28	.25			T.										.78	.18	.21				.25				1.95
Effingham ||||	Lynches									.78	.55				T.									1.30	T.	.45				.61				3.69
Ferguson |||	Santee									.25	.87	T.		T.		.07								.21	.03	T.				.12		.44		1.99
Florence 1 |||	Pee Dee									1.40														1.76	.14	.48				.48				4.26
Florence 2 ||||	do									1.48														1.80	.16	.45				.38		.15		4.42
Garnett	Savannah								.07	2.02			.65		T.			.01						.18						.17	.06			2.56
Georgetown	Coast								T.	.35	.35	.40			T.		.25						.80						1.00				3.15
Kingstree |||	Black									.78	.82			.28		.06		.24						1.30						.23				3.71
Oaks	do																																
Orangeburg 1	Edisto									.65	.41		T.										.53	.08	.03				.16	.11	T.		1.97
Orangeburg 2	do								.05	.96													.27	.50	.50				.30			.27	2.85
Paris Island	Coast									.10	.60													.70							.10	.40	1.90
Pinopolis	Cooper								1.72	.54			.10										.30						.63	.10			3.39
Rimini |||	Santee																													.65			
St. George |||	Edisto																																
St. Matthews |||	Santee																																
Society Hill |||	do										.62			.22	.02								.62	.69	.20				.35		.02		2.74
Summerville	Ashley								.81	.40	.04		.02											.38						.52	.12			2.29
Walterboro	Ashepoo																																
Whitehall (near)	Combahee																																
Yemassee |||	Ashepoo									1.15										T			.50										1.65
Western Portion.																																	
Aiken	Edisto									.35														.59	.15					.07		.15		1.31
Anderson	Savannah									.12			.03							.05	.05		.35	.02	.66								.12	1.40
Batesburg |||	Edisto									T.			T.	.23						T.				.16				.04	.06		.07	.21	0.77
Blairs |||	Broad												.15											.33	.56	.02						.03	1.09
Calhoun Falls |||	Savannah																			.04	.41			.48	.98	.06				.04				2.01
Camden |||	Wateree									.12	.21		.10	.18										.61	.40	.14				.32				2.08
Catawba |||	Catawba										.30							.22			.10			1.30	.75	.10				.25		.10		3.12
Chappells |||	Saluda																							.50	.85	.05								1.40
Clemson College	Savannah									T.			T.					.15	.24				1.02		1.31	.23			T			.40	3.35
Columbia ***	Congaree									.09			.03										.27	T.	.35				.07	.10	.05	.01	0.97
Due West	Savannah									T.			.03		T.		T.	T.	.08	T.			.67	.54	.32	.01			.06		T.	.26	1.97
Edgefield |||	Savannah										.20			.04										.48	.68	.03					.10	.04	.05	1.62
Gaston Shoals |||	Broad									.63	.66		.05	.05										1.47	.47	.12				.02				2.27
Greenville ***	Saluda									.06			.01		T.				.49	T.			.28	.47	.65	.02			T.			.44	2.42
Greenwood |||	do																		.32				.85			.80							1.97
Heath Spring	Wateree									.93			.53										1.56		.85				.06				3.93
Kershaw |||	Lynches								.09	.33			.21										.81		.78				.18	.06			2.46
Landrum	Broad									.24			.14										.39	.74	.81	.10	.08					.42	2.92
Laurens |||	Saluda																		.12						.31	.73								1.16
Liberty	Savannah								.02				.04	T.	T.		T.		T.		T.		.02	.40	.20	.06	T.		.02			.06	0.82
Little Mountain	Saluda									.58			.06										.22		.64				.03		.11		1.64
Meriwether	Savannah																																
Monetta	Edisto									.38			.14							.15			.01	.17	.40		.12			.26	.10	.04	1.77
Newberry	Saluda									T.			T.							T.			.40	.10	.64						.10	.10	1.34
Pelzer |||	do									.04	.04		.02	.02		T.			T.	.10				.34	1.10	.24				T			1.90
Saluda	do																																
Santuck	Broad			T.					T.				.13										.25	.23	.78	.06			.11		.01	.08	1.65
Spartanburg |||	do									T.	.05	.03	.03	.03					T.		T.			1.10	.68	.28				.03		T.	2.20
Trenton	Edisto									T.			T.						T.				T.	T.	.84			T.	.28	.04	T	T	1.16
Walhalla	Savannah									.24			.07		T.				.37	.02			.49	.04	.54	.15	15		T.			.58	2.65
Winnsboro	Broad									.11	.39			.12						.28				.16	.51	.07				.15		.13		1.92
Winthrop College	Catawba												.40				.06						.55		.75				.08		.11	.14	2.09

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	51.4	82	23	1.85	7				
1888	52.1	80	19	6.71	9				sw.
1889	51.6	77	20	3.41	7				w.
1890	52.5	85	11	2.96					sw.
1891	50.0	78	20	7.88					ne.
1892	52.8	78	23	3.78					nw.
1893	53.9	85	18	2.22	9	13	9	9	sw.
1894	59.3	90	15	2.08	7	15	11	5	sw.
1895	53.5	90	24	5.71	11	12	8	11	sw.
1896	53.1	93	19	2.12	5	14	10	7	sw.
1897	56.4	92	21	4.54	12	7	9	15	sw.
1898	59.1	92	22	2.99	7	11	9	11	ne.
1899	55.2	89	12	3.89	9	12	10	9	sw.
1900	51.6	79	22	4.22	9	12	8	11	sw.
1901	53.4	86	10	4.36	8	14	8	9	sw.
1902	54.0	86	19	4.08	10	14	7	10	sw.
1903	60.4	84	26	5.92	10	7	9	15	ne.
1904	56.2	87	23	3.42	9	13	9	9	ne.
1905	57.8	93	28	2.15	6	15	6	10	ne.
1906	51.6	82	18	5.34	10	13	6	12	w.
1907	62.0	99	20	1.57	5	15	10	6	sw.
1908	61.4	90	29	4.56	8	15	8	8	sw.
1909	54.1	90	27	4.80	11	14	8	9	sw.
1910	59.4	93	22	1.38	4	21	6	4	sw.
1911	54.9	90	22	2.30	7	17	8	6	w.
1912	53.2	88	15	6.79	10	14	5	12	ne.
1913	56.9	88	22	7.40	10	13	5	13	w.
1914	50.2	91	12	2.59	8	14	9	8	w.
1915	46.3	81	22	2.66	7	15	8	8	nw.
1916	53.7	87	15	2.14	5	19	8	4	sw.
1917	55.0	88	14	5.39	11	14	6	11	sw.
1918	59.7	89	29	1.83	6	16	8	7	sw.
1919	56.5	82	27	2.86	7	17	7	7	ne.
1920	52.3	87	10	6.73	8	17	6	8	sw.
1921	62.5	91	28	2.28	6	16	7	8	sw.
Period	55.0	99	10	3.86	8	14	8	9	sw.

Daily Temperatures for March, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	66	74	78	78	62	72	78	80	81	80	65	70	81	83	80	85	88	85	84	80	85	86	89	50	65	83	85	86	81	51	48	76.1
	Minimum	38	40	51	41	36	38	54	53	56	55	50	51	56	57	61	59	62	64	62	63	62	62	50	45	57	58	60	65	48	45	41	53.0
Blackville	Maximum	74	74	76	79	80	79	77	80	84	68	65	75	83	80	83	90	89	87	75	89	90	58	60	68	70	65	75	77	79	80	83	77.2
	Minimum	46	44	49	40	42	40	39	50	64	39	34	46	54	55	53	55	60	57	60	65	58	39	40	53	55	55	50	65	64	43	40	50.1
Bowman	Maximum	68	76	78	77	76	80	82	80	78	70	71	72	82	84	86	88	85	85	84	87	86	90	65	65	80	86	87	85	65	56	70	78.0
	Minimum	31	33	34	35	33	40	45	50	55	54	53	52	54	55	56	55	52	55	57	56	55	54	42	45	50	52	56	55	47	40	41	48.1
Charleston	Maximum	68	70	77	60	63	76	78	69	75	66	66	77	76	66	84	86	73	78	72	79	80	85	56	70	81	80	80	79	70	51	68	73.0
	Minimum	46	48	53	49	46	59	58	61	61	54	50	60	61	60	62	63	63	66	64	67	65	56	49	49	61	65	67	68	48	45	48	57.2
Cheraw	Maximum	70	76	74	68	73	78	83	78	78	65	73	82	80	75	83	85	82	82	82	88	88	83	52	56	82	86	86	80	61	48	75	75.9
	Minimum	35	38	45	36	31	45	55	53	58	54	42	46	52	55	55	55	55	52	49	53	62	61	43	43	50	55	57	65	43	38	43	49.2
Conway	Maximum	72	73	77	61	70	78	80	76	74	60	73	73	81	77	83	87	74	77	75	80	81	79	53	63	80	84	84	83	58	58	78	74.3
	Minimum	40	40	41	42	35	50	52	56	60	49	45	49	62	59	60	59	57	57	53	61	60	62	44	44	52	58	57	62	44	40	44	51.4
Darlington §§§	Maximum	73	76	77	62	73	....	83	84	75	63	71	81	80	77	85	91	80	83	78	86	88	85	58	58	79	86	86	81	58	50	75	[a]76.1
	Minimum	36	36	46	39	33	46	54	56	60	54	44	49	54	53	58	59	57	54	52	57	61	60	44	44	46	56	60	65	45	39	40	50.2
Ferguson §§§	Maximum	72	77	71	61	74	79	80	69	75	61	77	79	60	72	84	88	83	80	82	84	85	86	49	64	83	86	84	81	45	59	71	74.2
	Minimum	34	35	43	44	32	40	44	50	62	59	46	49	52	55	55	55	63	59	59	57	58	62	47	46	49	55	56	57	42	41	42	49.9
Florence 1	Maximum	75	76	78	77	78	76	82	70	72	76	78	79	81	86	89	89	80	86	78	84	89	86	62	53	80	88	89	86	60	45	50	76.5
	Minimum	37	38	40	41	43	51	54	58	62	58	60	61	62	58	59	59	59	57	53	60	62	62	44	45	52	55	60	60	44	39	41	52.7
Garnett	Maximum	75	79	78	69	76	81	84	84	83	67	73	83	83	81	88	88	87	88	84	88	89	91	77	74	87	89	91	84	71	53	72	80.5
	Minimum	34	36	43	41	34	50	49	51	64	58	51	60	56	55	58	55	58	64	65	63	57	61	50	48	58	60	60	64	49	47	45	53.0
Georgetown	Maximum	72	75	79	64	70	78	82	82	74	76	73	78	83	78	85	90	71	75	80	88	90	84	70	72	80	85	85	84	68	74	75	78.2
	Minimum	42	38	45	40	35	52	42	50	46	45	46	46	46	50	56	61	60	58	59	63	61	63	45	47	49	51	59	61	44	42	49	50.0
Kingstree	Maximum	66	66	74	71	72	76	78	78	75	66	68	77	77	76	80	86	75	78	78	84	84	84	57	56	80	84	82	83	70	59	75	74.4
	Minimum	39	39	47	42	41	35	51	51	57	55	45	55	55	58	64	63	60	59	57	58	61	56	45	46	53	57	60	63	46	41	46	51.8
Oaks	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orangeburg 1	Maximum	72	78	78	74	73	80	83	78	80	74	69	83	80	80	86	89	84	82	76	81	88	88	68	60	83	85	88	82	73	53	69	78.0
	Minimum	36	36	45	41	34	46	50	53	65	57	40	53	54	54	60	58	57	62	60	54	59	59	47	47	51	55	59	65	47	43	45	51.4
Paris Island §§§	Maximum	72	78	80	66	71	77	82	80	78	71	72	82	80	77	90	91	82	85	84	83	87	72	75	80	85	83	85	90	67	55	71	78.4
	Minimum	44	45	50	50	46	53	54	60	62	59	52	55	59	57	61	60	62	65	66	64	61	64	52	51	50	64	65	65	53	46	46	56.2
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Matthews	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Society Hill §§§	Maximum	....	....	....	74	61	....	77	80	....	74	61	69	79	78	75	83	88	79	80	78	85	88	81	47	59	76	83	84	79	55	50	74	[a]71.0
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Summerville	Maximum	75	79	79	65	74	80	83	71	77	66	71	82	84	80	88	90	81	80	80	83	88	89	74	68	84	85	87	83	72	52	71	78.1
	Minimum	38	47	55	43	34	41	18	53	54	55	48	58	52	58	57	58	51	61	60	61	56	60	48	47	52	57	59	61	47	42	46	51.8
Walterboro	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Yemassee	Maximum	75	79	78	73	74	81	82	82	83	72	72	84	84	80	87	87	85	85	80	83	87	90	70	73	84	86	87	82	71	54	71	79.4
	Minimum	36	36	42	37	32	47	49	52	66	50	49	59	55	54	57	57	59	63	63	62	55	60	50	47	57	60	59	61	49	45	45	52.0
Western Portion.																																	
Aiken	Maximum	72	77	77	72	71	76	80	80	79	75	70	79	80	79	84	87	84	83	80	84	85	88	76	58	78	83	85	85	77	55	68	77.6
	Minimum	41	45	52	39	40	51	50	55	65	52	46	57	53	57	60	59	57	64	61	65	62	61	46	45	54	59	60	66	47	41	42	53.3
Anderson	Maximum	65	74	75	63	70	73	78	74	73	65	71	68	81	75	83	78	80	81	69	78	86	83	59	51	70	78	84	79	66	53	59	72.3
	Minimum	40	43	56	31	40	45	54	53	55	45	45	53	46	53	55	49	55	58	58	52	59	59	44	44	49	55	59	64	41	41	43	49.9
Batesburg	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	42	42	51	36	39	49	52	52	65	50	44	55	54	54	60	62	52	61	58	68	64	66	44	46	51	59	50	49	44	39	40	51.5
Calhoun Falls §§§	Maximum	72	75	73	61	68	76	81	81	76	54	56	67	71	65	68	70	69	70	69	74	86	84	56	56	74	83	85	86	59	56	62	70.2
	Minimum	34	36	39	33	33	33	41	51	52	45	42	42	46	46	52	54	54	55	57	58	58	58	44	43	43	49	54	51	43	40	40	46.0
Camden §§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clemson College	Maximum	66	71	74	63	66	70	73	74	75	70	69	65	75	70	80	79	77	81	76	72	82	79	68	6	69	77	79	77	69	57	54	71.3
	Minimum	35	37	56	31	33	40	49	49	57	46	45	50	45	49	49	56	52	55	59	59	55	61	47	41	51	62	56	61	42	42	45	48.9
Columbia	Maximum	70	76	75	61	71	76	80	80	77	63	69	78	78	78	83	88	83	81	75	85	87	86	54	56	78	83	86	79	62	47	69	74.6
	Minimum	42	46	51	39	41	54	57	58	62	51	44	56	58	76	82	81	81	80	72	81	84	83	52	52	71	81	82	76	55	48	63	71.5
Due West	Maximum	68	72	71	60	68	73	77	76	75	55	66	68	78	76	82	81	81	80	72	81	84	83	52	52	71	81	82	76	55	48	63	71.5
	Minimum	39	42	47	35	38	48	54	54	59	47	43	53	46	55	54	60	55	59	58	66	61	52	44	44	52	57	59	53	42	41	42	50.3
Greenville	Maximum	67	72	69	61	67	70	73	74	72	62	64	61	77	73	80	78	76	79	62	74	82	79	50	51	67	78	79	76	55	46	53	68.6
	Minimum	40	46	46	36	42	48	54	56	60	46	40	51	48	56	55	59	53	57	55	58	60	49	41	42	48	56	60	48	37	38	42	49.3
Greenwood	Maximum	63	70	73	69	60	70	74	78	79	76	68	69	75	80	75	82	84	82	75	83	84	85	50	55	74	82	81	78	59	50	65	72.6
	Minimum	37	41	46	34	35	42	52	57	59	49	37	45	51	55	58	60	56	60	61	62	62	47	45	47	55	61	65	45	42	42	45	50.1
Heath Spring	Maximum	65	73	71	67	67	75	75	72	65	73	65	69	73	68	79	82	75	77	74	84	83	80	75	67	74	79	82	75	71	66	67	73.2
	Minimum	41	43	54	35	39	50	55	53	48	49	40	50	51	53	57	59	55	57	53	60	60	60	42	43	54	58	60	65	40	35	38	50.2
Kershaw	Maximum	70	75	74	61	71	76	80	76	76	77	69	76	73	76	81	85	80	81	75	84	87	84	58	55	77	82	87	78	72	49	72	74.7
	Minimum	39	39	54	36	37	48	56	52	63	51	41	50	51	52	57	58	53	51	54	61	62	57	43	44	53	52	59	61	42	37	41	50.1
Landrum	Maximum	68	75	70	62	69	72	78	75	74	63	67	60	76	72	82	83	77	80	68	74	86	80	56	49	71	80	82	80	62	50	54	70.8
	Minimum	40	35	57	35	39	44	50	52	50	46	34	44	51	50	51	53	48	58	55	56	57	55	49	42	48	53	55	61	35	38	42	47.5
Laurens §§§	Maximum	68	72	74	59	68	74	79	78	78	65	61	73	77	76	82	83	80	82	72	82	85	83	49	54	73	81	84	79	51	51	65	72.2
	Minimum	33	33	36	36	31	32	44	47	48	47	43	43	43	45	48	50	49	49	56	58	57	55	44	44	41	52	44	62	43	41	33	44.8
Liberty	Maximum	76	74	70	63	70	73	76	77	67	69	68	66	76	75	85	81	80	86	71	77	88	70	67	51	71	81	84	85	69	52	58	73.0
	Minimum	34	38	55	31	35	43	43	52	46	42	42	47	43	49	49	59	51	56	57	57	59	60	44	44	46	55	50	56	39	39	44	47.3
Little Mountain	Maximum	65	73	75	60	70	79	79	78	78	78	68	70	75	78	85	84	80	84	84	84	85	80	60	54	69	80	80	70	66	53	66	73.9
	Minimum	40	42	43	36	36	56	57	55	65	52	44	48	50	51	52	50	42	48	57	60	60	60	43	44	52	64	65	60	43	39	40	50.1
Meriwether	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monetta	Maximum	72	75	74	67	72	77	80	80	78	66	75	79	79	78	83	85	82	84	78	85	87	86	73	58	78	83	86	82	74	53	70	76.7
	Minimum	41	43	51	38	40	48	54	52	66	51	45	55	54	54	59	60	57	61	59	60	61	61	44	45	53	58	60	65	45	39	41	52.3
Newberry	Maximum	76	77	77	64	76	73	85	84	84	75	69	78	80	83	87	89	85	86	84	88	89	88	67	55	78	87	88	87	75	58	68	78.7
	Minimum	35	38	51	45	35	48	50	64	63	51	45	52	50	53	55	56	55	54	56	65	63	59	43	44	50	55	60	55	44	40	46	50.8
Sahda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	75	85	87	72	51	42	65	72	74	72	53	53	52	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	65	60	61	55	40	39	46	50	52	52	32	31	32	....
Santuck	Maximum	70	74	75	62	70	75	78	78	81	68	69	74	78	75	83	84	80	82	72	84	87	82	57	52	75	84	....	79	66	56	65	[b]73.8
	Minimum	31	33	54	28	30	40	51	46	64	50	40	34	47	46	48	53	47	52	58	58	57	55	44	41	51	58	....	64	41	40	40	[b]46.8
Spartanburg	Maximum	68	75	70	61	69	74	78	75	76	69	66	64	77	75	82	82	78	82	74	79	86	81	58	49	71	82	82	80	62	53	61	72.2
	Minimum	36	38	55	32	35	43	50	50	61	45	39	47	45	53	50	55	49	49	56	58	56	57	42	43	49	54	55	62	38	33	42	47.6
Trenton	Maximum	73	74	73	63	70	76	79	79	79	67	70	78	81	78	83	84	91	84	78	81	86	85	70	58	77	83	85	77	65	52	55	75.3
	Minimum	42	44	52	37	40	50	54	53	53	50	45	56	55	56	59	59	56	61	60	62	63	62	45	45	58	57	60	60	46	41	41	52.3
Walhalla	Maximum	71	75	71	64	68	73	76	74	72	65	66	64	80	74	85	80	82	83	68	72	85	81	62	50	72	79	82	78	64	50	51	71.5
	Minimum	33	33	47	28	31	39	47	47	54	42	42	50	46	47	45	52	49	53	56	56	54	55	44	43	47	53	53	58	39	40	43	46.0
Winnsboro	Maximum	68	75	75	59	71	76	79	79	78	64	68	77	76	76	81	85	80	80	73	84	85	84	50	58	77	82	85	78	56	45	68	73.3
	Minimum	39	46	47	36	39	51	52	56	59	51	43	44	51	52	55	57	53	60	53	53	62	61	43	44	45	56	61	62	42	40	38	50.0
Winthrop College	Maximum	68	75	73	64	70	74	78	78	81	71	68	76	76	72	82	84	78	81	70	78	86	80	54	57	75	83	83	78	68	53	65	73.5
	Minimum	44	46	52	32	40	48	55	53	64	48	37	52	52	54	55	57	55	56	54	56	60	54	44	45	43	58	60	64	42	38	40	50.3

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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JUL 6 1921

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., MAY, 1921. No. 5.

GENERAL SUMMARY.

The month was considerably cooler than usual, with two prolonged periods of low temperatures, and precipitation was much above the average, with amounts above normal in practically the entire Section.

While the rains were generally beneficial, the persistent low temperatures and cloudiness during the first half of the month materially checked growth, which lost its advance attained earlier in the season. Much cotton up-State died at germination, and much replanting was necessary, with chopping still in progress at the end of the month; elsewhere the stands were generally better. Corn, tobacco, field truck, and minor crops showed irregular development, and corn was in all stages of growth. Cereals, however, showed general improvement; wheat heads filled satisfactorily, and oats and rye were in good condition generally; ripening and harvest of these crops were becoming general at the close of the month. The general crop situation improved with the warm, drier weather of the last of the month, and cultivation proceeded rapidly. White potato digging was nearing completion, with fair to good returns, and sweet potato transplanting continued. Native peaches and strawberries were on market at the close of the month; wild blackberries were rather poor, due to April frosts. Vegetables were plentiful, and the month closed with the growing season from 1 to 2 weeks late generally.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.00 inches. The highest pressure in the region covered by reports was 30.36 inches at Charlotte, N. C., on the 21st, and in the Section proper, 30.35 inches at Due West and Greenville on the same date; the lowest pressure was 29.69 inches at Wilmington, N. C., and Greenville on the 3d, and at Charlotte, N. C., on the 5th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 38 stations, was 68.1°, or 3.1° below the established normal. The highest temperature was 98° at Blackville, Barnwell County, on the 26th, 27th, and 28th, and at Garnett, Hampton County, and Kingstree, Williamsburg County, on the 27th. The warm period was from the 23d to the 29th. The lowest temperature was 36° at Santuck, Union County, on the 2d. During the cold periods, 1st to 7th and 13th to 20th, the daily mean temperatures ranged 5° to 17° below normal.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 78%; noon, 57%; 8 p. m., 70%. The greatest percentages occurred along the coast, and the least, over the northern interior.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 5.30 inches, or 1.79 inches above the established normal. There were but few days without rain in some part of the State. Excepting small areas along the southern coast and in the upper Savannah drainage basin, the rainfall was above normal, the precipitation was abundant in a broad belt from east-central Georgia to eastern North Carolina, where the amounts ranged from 6 to over 9 inches. The greatest local monthly amount was 9.53 inches at Garnett, Hampton County; least local monthly amount, 3.00 inches at Paris Island, Beaufort County. The greatest 24-hour amount at any station was 4.40 inches at Darlington, Darlington County, on the 14th. The number of rainy days was 25% above normal.

Light hail occurred at Clemson College and Due West on the 10th and at Blackville, Garnett and Pinopolis on the 11th. Heavy hail occurred at Aiken and Landrum on the 11th.

A tornado in the Wannamaker Section, near Galivants Ferry, Horry County, during the afternoon of the 13th, caused the death of Francis Jones, a child of Mr. and Mrs. Samuel Jones, residing on the plantation of Mr. E. M. Meares, and injured several other persons. Many tenant houses were destroyed, and other damage resulted, approximating $5,000. The storm moved in a short path from northwest to southeast, apparently bounding along, the greatest width of destruction being about 400 yards.

WIND

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.6 miles. The highest average velocity was 10.9 miles per hour at Savannah, Ga., and in the Section proper, 10.2 miles per hour at Charleston; the lowest average velocity was 4.8 miles per hour at Charlotte, N. C., and in the Section proper, 6.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 49 miles per hour from the west at Greenville on the 26th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 252.9 hours, or 59% of the possible amount. The average number of clear days was 12; partly cloudy, 10, and cloudy, 9, as against normals of 15, 10, and 6 days, respectively.

ERRATA, MARCH, 1921.

LAURENS.—Mean temperature, page 10, should be 58.5.

MISCELLANEOUS DATA FOR MAY, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.03	60.5	85	38	2.85	1.14	7.5	nw	84	55	68	55
Augusta, Ga.	29.98	70.5	95	46	4.21	1.51	5.7	nw.	76	58	68	64
Charleston, S. C.	29.98	70.5	97	50	5.92	2.93	10.2	ne.	77	63	76	58
Charlotte, N. C.	30.00	66.0	89	43	4.50	1.01	4.8	ne.	77	56	66	56
Columbia, S. C.	30.00	68.7	93	46	5.97	2.08	6.1	ne.	76	54	68	49
Due West, S. C.	30.02	67.3	94	41	4.04	1.61	7.6	ne.	75	52	...	61
Greenville, S. C.	29.99	66.0	89	44	5.61	1.50	7.6	ne.	75	54	65	61
Savannah, Ga.	29.99	71.2	95	47	2.70	1.34	10.9	ne	78	58	74	67
Wilmington, N. C.	29.99	66.8	90	46	6.87	1.53	7.6	w.	81	61	76	56
Means and extremes	30.00	67.5	97	38	4.74	2.93	7.6	ne.	78	57	70	59

Climatological Data for May, 1921.

Stations.	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'n (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	69.8	−4.4	95	†27	44	† 1	36	6.67	+3.30	1.95	0	8	10	16	5	n.	R. B. Vance.
Blackville	Barnwell	296	38	69.6	−3.7	98	†26	41	† 1	42	6.78	+3.32	3.00	0	9	16	9	6	.....	Mrs. D. B. Sanders.
Bowman††	Orangeburg	160	21	69.2	−3.1	96	26	40	1	38	4.76	+1.35	1.36	0	10	14	14	3	sw.	B. O. Evans.
Charleston	Charleston	48	50	70.5	−1.9	97	29	50	1	23	5.92	+2.45	2.93	0	11	8	13	10	ne.	U. S. Weather Bureau.
																				Roland D. Powe.
Cheraw	Chesterfield	144	40	.....	.....	.....	.....	.....	.....	.....	5.50	+1.96	2.12	0	9	.....	.....	.....	.....	Paul Quattlebaum.
Conway	Horry	25	33	68.8	−2.2	96	29	42	6	37	3.35	−0.01	0.62	0	11	8	6	23	nw.	D. C. McCall.
Darlington	Darlington	175	26	°67.2	−4.2	b93	29	°39	1	°36	9.05	+5.70	4.40	0	12	10	5	16	.....	Wm. B. Gillespie.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	4.19	+0.82	1.15	0	12	.....	.....	.....	.....	Henry C. Savage.
Ferguson	Orangeburg	63	36	68.9	−2.2	95	29	40	2	34	4.44	+0.27	0.85	0	12	.....	.....	.....	.....	
Florence 1	Florence	136	40	.....	.....	95	26	.....	.....	.....	6.33	+2.78	2.91	0	13	11	13	7	ne.	H. K. Gilbert.
Florence 2	....do	136	6	.....	.....	.....	.....	.....	.....	.....	7.69	+4.14	2.95	0	11	13	3	15	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	70.9	.....	98	27	40	† 1	44	9.53	.....	2.08	0	14	6	18	7	ne.	Maner B. Robert.
Georgetown	Georgetown	12	29	69.2	−3.0	95	†26	41	2	36	5.19	+2.15	1.25	0	8	12	4	5	n.	A. P. Hazard.
Kingstree	Williamsburg	54	40	69.8	−2.0	98	27	41	7	43	4.24	+1.19	0.90	0	8	16	1	14	e.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	5	69.3	.....	96	26	41	5	40	6.44	.....	1.77	0	12	7	16	8	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	1	.....	.....	.....	.....	.....	.....	.....	7.02	.....	2.20	0	12	16	9	6	ne.	State A. and M. College.
Paris Island	Beaufort	13	37	.....	.....	.....	.....	45	11	.....	3.00	−0.16	0.90	0	7	8	10	13	sw.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	67.1	−3.9	88	29	46	2	.....	5.80	+1.95	1.60	0	7	8	0	23	nw.	Miss E. P. Ravenel.
											7.56	.....	1.80	0	9	.....	.....	.....	.....	Boykin R. Cantey.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	7.26	+3.94	2.90	0	13	16	1	14	e.	A. H. Rogers.
Society Hill	Darlington	192	31	68.0	−3.0	95	29	41	1	36	4.06	+1.05	1.01	0	11	12	15	4	w.	E. P. Lawton.
Summerville	Dorchester	75	24	69.6	−2.4	94	†24	41	† 1	37	5.10	+1.80	1.59	0	8	16	3	12	ne.	W. C. Hutson.
Yemassee	Hampton	24	33	69.8	−3.0	96	†27	38	2	42										
Division means and	extremes	.....	.....	69.2	−2.9	98	†26	39	1	44	5.90	+2.53	4.30	0	9	12	10	9	ne.	
Western Portion.																				
Aiken	Aiken	527	60	69.6	−1.7	94	26	43	† 1	33	6.27	+2.51	1.77	0	9	17	2	12	w.	Frank B. McCoy.
Anderson	Anderson	764	26	°67.8	−2.8	°91	†26	°43	4	°37	3.65	+1.01	0.95	0	10	12	1	18	w.	H. H. Russell.
Batesburg	Lexington	656	38	67.8	−3.9	94	†26	43	4	35	4.28	+0.86	1.15	0	7	16	9	6	nw.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	4.88	+2.34	1.23	0	11	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	69.0	.....	96	†26	40	† 1	38	3.60	+0.07	1.10	0	9	12	6	13	e.	L. M. Parker.
											6.04	+2.68	1.60	0	14	...	...	..	.....	Henry A. Brown.
Camden	Kershaw	222	74	.....	.....	.....	.....	.....	.....	.....	4.31	+0.99	1.47	0	11	...	...	...	.....	James C. Faris.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	6.39	+3.86	1.70	0	10	..	...	..	.....	George V. Clamp.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	4.15	+0.64	1.60	0	6	6	12	13	w.	Prof. F. H. H. Calhoun.
Clemson College	Oconee	850	30	66.6	−2.6	90	†26	40	1	32	5.97	+2.78	2.08	0	8	6	12	13	ne.	U. S. Weather Bureau.
Columbia	Richland	351	35	68.7	−3.1	93	26	46	1	32	4.04	.....	1.61	0	8	6	12	13	nw.	U. S. W. B. Aerological Sta.
Due West	Abbeville	711	....	67.3	.....	94	26	41	1	33	3.70	.....	1.66	0	10	..	...	...	.....	J. A. Townsend.
Edgefield ††	Edgefield	.....	7	.....	.....	.....	.....	.....	.....	.....	4.77	+1.80	1.26	0	12	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	5.61	+1.93	1.50	0	12	8	14	9	ne.	U. S. Weather Bureau.
Greenville	Greenville	1039	38	66.0	−1.5	89	29	44	7	29	4.30	+0.68	1.42	0	7	21	0	10	w	M. M. Calhoun.
Greenwood	Greenwood	671	38	67.0	−4.3	92	26	44	4	35	5.96	+2.76	2.13	0	7	8	12	11	e.	J. Marvin Bowers.
Heath Spring	Lancaster	568	20	67.3	−2.5	91	29	42	† 1	35	5.42	.....	1.66	0	12	13	5	13	w.	John W. Hamel.
Kershaw	Kershaw	500	5	67.2	.....	92	26	42	† 1	36	6.48	.....	1.58	0	13	11	15	5	nw.	R. Hartwell Wilds, D.D.S.
Landrum	Spartanburg	1063	6	65.6	.....	90	23	38	† 2	33	5.49	.....	1.40	0	7	.....	.....	.....	.....	Perry A. Simpson.
Laurens	Laurens	589	3	°65.4	.....	°92	29	°39	2	°40	4.18	−0.21	1.21	0	10	11	15	5	se.	John T. Boggs.
Liberty	Pickens	900	22	68.0	−2.0	90	†23	39	1	43										
Little Mountain	Newberry	711	29	67.7	−4.5	90	†26	44	5	32	4.42	+1.57	1.35	0	9	14	3	14	sw.	J. M. Sease, M. D.
Monetta	Saluda	400	14	69.2	−3.0	95	†26	42	1	34	4.95	+2.49	1.44	0	11	5	19	7	ne.	Joseph M. Johnson.
Newberry	Newberry	502	18	k68.2	−4.1	k93	23	b45	4	k39	5.01	+2.05	1.20	0	8	14	13	4	sw.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	5.34	+1.60	1.40	0	12	..	..	..	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	4.44	+1.90	1.30	0	8	19	8	4	sw.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	66.6	−3.8	94	29	36	2	46	4.65	+1.70	1.37	0	11	7	15	9	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	66.2	−3.3	90	†27	38	† 1	39	4.67	+0.64	1.73	0	11	...	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	29	69.3	−3.1	94	†26	42	4	33	3.44	+0.48	1.57	0	6	15	5	11	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	66.4	−1.0	94	29	38	2	44	3.71	−0.32	1.23	0	10	11	11	9	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	31	°67.4	−3.8	°91	29	°41	1	°32	5.74	+2.64	1.54	0	12	11	6	13	ne.	Rev. Oliver Johnson
Winthrop College ††	York	690	22	67.0	−3.2	91	23	40	1	34	3.60	−0.56	1.05	0	9	13	5	13	n.	W. P. Goodman.
Division means and	extremes	.....	....	67.4	−3.4	96	†26	36	2	46	4.86	+1.42	2.13	0	10	11	10	10	ne.	
Section means and	extremes	.....	....	68.1	−3.1	98	†26	36	2	46	5.30	+1.79	4.40	0	10	12	10	9	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for May, 1921.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah			.25									1.95	.65	1.55		1.10	.05			.05	.30						.77					6.67
Blackville ‖‖	Edisto				.15								1.00	1.00	3.00		.65	.20			.10	.58		.10									6.78
Bowman	do	.36	.42		.20												1.36			1.20	.32	.15		.35			.15	.25				4.76
Charleston ***	Coast		.21	.39	T.						.01	.13	.86	2.93		.01	1.35			.01							.01				.01	5.92
Cheraw ‖‖	Pee Dee			.55	.36							.35	.20		2.12	T.	.42	.75				.39					.36					5.50
Conway ‖‖	Waccamaw			.56	.19	T.						.15	.49	.13	.26	.25	.62				.61	.05					.04				T.	3.35
Darlington ‖‖	Pee Dee			.57	.30							.70	.42	.55	4.40		.88	.50				.08	.45				.08		T.			.12	9.05
Effingham ‖‖	Lynches			.42	.21		T.					.32	.40	T.		.36	.55	.20			.05	1.15					.09	.27				.17	4.19
Ferguson ‖‖	Santee			.23			.62					.03	.85	.44	.33	.36	.50				.83	.62					.13	.10	T.			T.	4.44
Florence 1 ‖‖	Pee Dee			.42	.12		.03					.38	.35	.09	2.91		.63	.22			.04	.88					.06					.20	6.33
Florence 2 ‖‖	do			.40	.02							.35	.25	.50	2.95	.45	1.20	.30				.97										.30	7.69
Garnett	Savannah			.24		.08					T.	.31	1.64	.91		.48	1.62	.01	.04		.21	.06	2.08				1.47	.38					9.53
Georgetown	Coast			48								.38	.87	1.25			.83			.65	.53									T.	.20	5.19
Kingstree ‖‖	Black			.30									.90	.18	.72		.72	.16			.46	.80											4.24
Orangeburg 1	Edisto			.22	.02		.05						1.59	.42	1.77		.98	.21			.11	.77						.10	.20				6.44
Orangeburg 2	do		.23	.50		.40					.20	.40	.92	2.20		1.25	.10				.10					.30	.42					7.02
Paris Island	Coast												40	.90	.40		.10	.40				.10							.70				3.60
Pinopolis	Cooper		.30									.90		1.60		1.00	.30				1.50									.20		5.80
Rimini ‖‖	Santee			1.80									1.13	.38	2.45		.40	.55			.40	.30				.15						7.56
Society Hill ‖‖	Due West			.56	1.10		.05					.45	.30	.28	2.90		.42	.89			.02	.24				.04	01					7.26
Summerville	Ashley			.31							.02	.08	.60	1.01		.76	.90			.02						.32	.02	.02				4.06
Yemassee ‖‖	Ashepoo			.28			T.						1.13	.16	1.59		.90				T	.19					.15	.70				5.10
Western Portion.																																	
Aiken	Edisto			.35								.93	1.02	1.24			1.77				.09	.11					.65	.11					6.27
Anderson	Savannah		.29					.12				.75	.95	.54			.49				.41	.04						.03		.03			3.65
Batesburg ‖‖	Edisto			.29	.04	T.					T.		.61	1.15			1.01				.25	.93											4.28
Bluirs ‖‖	Broad						.23					.60	.73	.12	1.23		.42	.06			.50	.28				.47		.24					4.88
Calhoun Falls ‖‖	Savannah			.22	.01							.90		.45	1.10		.42	.11				.32						.07					3.60
Camden ‖‖	Waterec			.59	.17		.06					.28	.51	.23	1.60		.88	.58			.10	.10					.34	.42				.18	6.04
Catawba ‖‖	Catawba			.60	.14							.14	.71	.06	1.41		.25	.20			.05	.60					.15						4.31
Chappells ‖‖	Saluda			.15	.10							1.02	.88	.10	1.70		.68	.10				.72						.94					6.39
Clemson College	Savannah		.25	T.							.80	.20		.50		.80					1.60											4.15
Columbia ***	Congaree		.18	T.	T.	T.					.02	1.15	T.	2.08		.14	1.48			T.	.54				T	.38		T.		T.		5.97
Due West	Savannah		.27	T.	T.	T.		T.			.63	.98	T	.98		.06	.47				.64	T.				T.		T.			.01		4.04
Edgefield ‖‖	Savannah			.25	.05	.07						.10	.85	.55	1.00		.68	.05				.10											3.70
Gaston Shoals ‖‖	Broad			.38	.06		.07					.23	.83	.36	.33		1.26	.14				.56					.38		.17				4.77
Greenville ***	Saluda		.23	.01	T.						T.	.82	.02	.49		.19	.01				1.43	.17				.65	1.37				.22		5.61
Greenwood ‖‖	do			.18								1.14	.24	1.42			.61				.09	.62											4.30
Heath Spring	Waterec			1.80								.58	.14	2.13			.55				.43										.33		5.96
Kershaw ‖‖	Lynches			.87	.22							.63	.45	.15	1.66		.65	.28			.12	.32					.06	.01					5.42
Landrum	Broad		.14	.30								.78	.70	1.58	.16	.26	.04				1.07	.41				.11	.79	T.			T.	.14	6.48
Laurens ‖‖	Saluda		.20									1.12	1.27		.87		.62	.01			1.40												5.49
Liberty	Savannah		.20	T.				T			.01	.45	.10	1.21		.40					.45	.95	.01				.40						4.18
Little Mountain	Saluda				.33		.02				.05	.92	.52	1.35			.52				.68	.03											4.42
Monetta	Edisto				.30		.02				.04	.22	.31	1.39		.01	1.44				.64	.07	.51					T.			T.		4.95
Newberry	Saluda				.63						.10	.70	.63	1.05			.60				1.20									.10			5.01
Pelzer ‖‖	do			.54	.62							.48	.90	.28	.34		.56				.08	1.40		.10				.62				.02	5.34
Saluda	do		.30	.05								.83		1.30			.66				.70						.30	.30					4.44
Santuck	Broad	.14	.05			.06					.04	.64	.50	1.37			.61				.80						.26	18					4.65
Spartanburg ‖‖	do			15	T.		T.					.43	.60	.07	.35		1.73				.11	.83	.03				.27	T.	.10				4.67
Trenton	Edisto		T.	.34	T.			T.			T	.31	.29	1.57		T.	.81			T.	.12	T.						T.					3.44
Walhalla	Savannah		.24								T.	.85	.10	.40		.06	.64				1.23	.53			.23			.03					3.71
Winnsboro	Broad			.44	.01							1.12	.65	.16	1.54		.27	.26			.17	.39					.71		.02				5.74
Winthrop College	Catawba			.36	.10						.07	.68		1.05			.55				.48						.26	.05					3.60

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MAY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.5	97	41	3.17	10				
1888	70.2	99	33	7.51	11				
1889	71.7	101	35	1.97	5				nw.
1890	71.0	95	30	5.44	10				sw.
1891	69.0	100	36	3.57					ne.
1892	71.1	94	39	3.53					
1893	70.2	97	38	4.13	9	13	9	9	sw.
1894	70.7	98	38	3.43	9	10	16	5	sw.
1895	69.0	101	34	4.36	9	11	12	8	sw.
1896	76.7	104	42	2.74	8	14	13	4	sw.
1897	69.3	97	38	2.39	6	18	8	5	sw.
1898	73.8	106	39	1.35	5	18	10	3	sw.
1899	73.7	100	45	1.68	5	15	10	6	sw.
1900	70.2	96	38	2.37	5	19	7	5	sw.
1901	71.4	99	40	7.31	11	13	10	8	sw.
1902	74.0	101	42	2.69	8	15	10	6	sw.
1903	70.7	104	44	2.69	9	12	9	10	ne.
1904	70.6	99	38	2.04	7	18	8	5	s.
1905	73.4	99	42	5.70	13	12	9	10	sw.
1906	70.7	99	30	3.00	7	17	6	8	sw.
1907	70.8	96	41	4.51	10	11	12	8	sw.
1908	71.8	96	36	2.92	7	16	11	4	sw.
1909	69.5	100	35	4.26	8	14	12	5	sw.
1910	69.8	99	40	4.03	8	15	10	6	sw.
1911	72.6	106	35	0.65	3	20	8	3	ne.
1912	72.4	101	43	4.08	9	16	6	9	sw.
1913	71.7	101	38	2.13	6	19	6	6	sw.
1914	72.1	105	42	0.83	3	18	10	3	sw.
1915	73.0	98	46	7.20	11	11	11	9	w.
1916	73.8	103	42	2.44	5	20	7	4	sw.
1917	66.3	98	31	3.09	7	18	7	6	w
1918	72.6	100	31	3.48	7	19	8	4	sw.
1919	71.0	96	42	5.23	11	12	11	8	s.
1920	67.6	94	42	1.77	6	16	9	6	ne.
1921	68.1	98	36	5.30	10	12	10	9	ne.
Period	71.2	106	30	3.51	8	15	10	6	sw.

Daily Temperatures for May, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale	Maximum	75	80	62	68	70	69	78	82	88	85	80	81	72	82	74	74	69	77	82	80	82	84	89	94	84	92	95	93	95	90	84	81.0
	Minimum	44	44	51	44	51	50	47	51	50	51	58	60	64	58	62	61	57	58	57	65	65	63	64	69	62	63	69	66	72	70	66	58.5
Blackville	Maximum	70	83	63	68	70	70	60	92	86	84	86	82	76	86	76	76	75	80	85	83	72	90	92	93	88	98	98	98	75	91	93	81.9
	Minimum	41	41	45	44	41	50	47	51	52	62	60	57	70	62	62	60	50	56	54	63	63	63	63	59	65	69	66	64	66	65	63	57.2
Bowman	Maximum	70	78	64	64	65	66	76	84	85	89	90	91	80	79	82	72	75	76	78	80	82	84	90	91	92	96	92	93	95	94	86	81.9
	Minimum	40	45	48	44	45	46	47	58	59	63	54	57	60	55	50	55	50	55	53	55	60	61	62	63	67	68	67	66	68	67	62	56.5
Charleston	Maximum	73	70	66	66	68	66	75	76	79	80	76	76	76	78	77	72	67	77	75	76	77	78	88	89	78	94	89	82	97	88	78	77.6
	Minimum	50	54	54	50	52	53	53	60	64	66	67	61	65	63	69	62	60	63	62	67	67	68	67	66	64	71	74	75	75	72	70	63.4
Cheraw	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Conway	Maximum	72	72	68	66	65	65	74	82	84	83	81	81	76	82	75	70	72	77	71	78	80	85	91	83	85	95	84	87	96	88	84	79 3
	Minimum	44	45	54	48	48	42	45	47	48	55	59	60	64	63	61	59	55	60	57	66	63	66	64	64	58	68	71	71	72	65	66	58.3
Darlington §§	Maximum	73	73	66	66	65	66	75	80	85	87	75	78	69	81	79	68	75	....	79	75	84	85	90	79	82	90	86	90	93	....	81	[b]78.4
	Minimum	39	44	59	47	47	45	46	47	49	56	58	59	63	60	62	63	51	54	....	50	60	62	66	68	55	57	69	69	70	....	....	[c]55.9
Ferguson §§	Maximum	70	74	68	64	68	66	78	81	87	83	68	81	76	82	78	71	72	75	77	82	83	84	89	89	83	92	91	92	95	86	83	79.8
	Minimum	47	40	53	47	47	50	49	44	56	56	59	49	64	59	62	60	56	60	53	65	65	62	62	65	61	69	67	69	67	66	66	58.0
Florence 1	Maximum	75	80	68	70	71	70	80	83	89	89	76	78	70	85	81	74	80	82	77	74	89	89	91	76	86	95	89	90	97	89	84	81.8
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Garnett	Maximum	78	83	70	71	72	71	78	86	92	83	81	85	78	83	76	76	71	79	84	84	85	84	93	96	88	95	98	93	95	90	83	83.3
	Minimum	40	40	53	45	48	49	45	49	48	56	60	58	64	58	63	63	59	61	58	66	64	63	63	66	67	68	68	66	70	69	68	58.5
Georgetown	Maximum	72	76	69	69	66	66	78	83	83	82	87	80	77	80	78	76	70	77	78	80	86	83	89	84	83	95	90	90	95	94	88	80.4
	Minimum	42	41	50	46	46	46	46	47	50	58	66	60	63	62	62	62	55	55	57	65	64	65	64	65	59	67	69	72	72	65	55	58.0
Kingstree	Maximum	73	78	81	65	66	65	77	81	89	82	85	83	77	83	78	71	75	73	74	78	84	86	92	87	81	95	98	93	97	87	80	81.1
	Minimum	42	46	46	46	48	48	41	46	49	54	63	60	65	61	61	61	56	60	55	66	63	65	65	67	59	68	71	74	72	67	65	58.4
Orangeburg 1	Maximum	75	77	71	64	68	66	77	82	88	85	81	81	78	82	77	73	71	74	76	82	80	82	89	90	84	96	92	91	95	88	84	80.6
	Minimum	45	45	52	46	41	52	46	48	51	55	60	59	63	59	61	61	55	59	55	65	65	61	64	66	60	69	67	67	69	68	65	58.0
Paris Island §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	63	65	62	66	61	65	63	67	64	68	45	61	60	64	68	69	61	62	61	65	68	68	67	68	66	70	72	71	73	73	67	65.3
Society Hill §§	Maximum	72	73	64	65	65	67	76	80	85	88	75	78	70	83	78	69	75	79	78	76	80	86	93	76	85	93	87	92	95	86	85	79.2
	Minimum	41	44	51	47	46	46	46	49	49	56	59	60	64	60	63	63	49	53	50	63	60	61	65	66	55	60	67	67	69	65	65	56.7
Summerville	Maximum	75	75	65	67	70	68	78	85	88	88	84	80	78	81	78	72	68	78	80	84	86	86	88	94	85	94	91	93	92	89	89	81.6
	Minimum	41	41	52	46	46	48	45	52	53	57	63	59	63	59	54	63	58	59	48	56	65	61	57	64	63	69	68	73	70	66	66	57.6
Yemassee	Maximum	77	78	68	69	72	70	79	84	89	83	80	81	79	81	78	75	71	79	85	82	85	86	90	95	85	95	94	92	96	90	83	82.5
	Minimum	39	38	52	44	47	48	44	48	47	55	60	57	63	58	62	64	58	58	55	65	63	60	62	65	65	66	67	65	69	64	66	57.2
Western Portion.																																	
Aiken	Maximum	72	76	72	67	69	68	75	83	86	84	78	77	76	83	82	73	75	79	81	83	81	83	88	93	82	94	93	90	93	87	83	80.7
	Minimum	43	51	50	43	46	49	49	56	57	61	58	57	62	57	63	61	55	57	56	63	65	64	65	66	59	68	68	67	67	67	65	[b]76.7
Anderson	Maximum	75	70	58	68	67	69	74	83	84	74	78	73	68	78	76	69	70	78	76	69	75	80	85	....	85	91	88	87	91	81	81	[a]58.9
	Minimum	44	....	47	43	48	52	46	49	69	58	57	56	62	57	62	59	53	55	56	61	65	65	63	66	57	69	75	65	75	67	67	58.5
Batesburg	Maximum	72	72	69	65	65	67	65	67	83	80	75	76	76	78	74	71	74	75	79	78	79	84	89	87	86	94	92	93	94	89	85	78.5
	Minimum	48	49	51	43	47	50	48	53	55	58	54	56	59	57	61	60	52	55	56	58	5	64	67	66	59	61	64	67	66	68	65	57.2
Calhoun Falls §§	Maximum	78	74	56	69	70	72	79	83	88	79	81	77	74	84	78	73	7	81	81	76	81	86	92	92	88	95	94	96	96	92	89	81.7
	Minimum	40	41	44	40	41	48	46	46	50	54	56	54	55	53	55	59	51	51	53	57	58	63	63	64	57	59	66	62	65	66	63	54.2
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	72	67	60	65	66	68	73	75	81	80	76	73	70	79	78	72	73	76	78	73	76	79	85	85	85	91	88	88	90	85	81	76.9
	Minimum	40	41	49	43	50	50	43	45	50	55	59	50	60	56	59	60	52	52	52	62	65	65	61	67	60	68	68	63	69	63	68	56.3
Columbia	Maximum	73	72	59	64	66	66	74	80	86	83	75	77	68	82	76	71	75	78	78	76	80	84	91	84	87	93	83	91	93	85	82	78.5
	Minimum	46	49	50	46	50	52	48	51	54	62	60	60	62	59	64	58	53	55	55	61	66	64	66	64	57	67	70	70	73	69	66	58.9
Due West	Maximum	73	70	56	66	66	69	75	79	83	70	77	73	68	81	76	70	74	78	79	74	78	83	88	86	85	91	91	90	92	87	83	77.9
	Minimum	41	47	48	43	48	62	47	46	54	60	57	56	59	55	52	57	52	54	54	59	65	65	62	59	57	67	68	65	67	67	65	56 7
Greenville	Maximum	71	65	56	62	61	66	73	77	81	70	76	72	66	79	76	68	72	77	78	66	75	79	85	83	82	88	87	87	89	83	80	75.2
	Minimum	49	47	48	46	49	51	44	48	51	57	57	54	59	57	61	57	51	56	56	59	63	66	62	58	56	64	64	64	68	68	65	56.7
Greenwood	Maximum	72	60	54	65	67	67	72	80	83	75	72	72	76	80	75	70	73	75	72	74	77	80	85	85	82	92	89	90	91	85	80	76 4
	Minimum	58	50	50	44	50	50	48	59	50	60	55	60	56	56	62	60	50	56	51	61	64	64	64	68	57	68	66	65	65	65	65	57.7
Heath Spring	Maximum	73	67	66	64	62	62	74	82	82	80	79	77	76	79	80	76	73	76	75	74	76	80	88	88	85	89	90	89	91	87	83	78.2
	Minimum	42	43	51	45	48	42	47	50	50	56	54	58	61	57	62	62	49	51	50	61	63	61	6	66	54	65	66	69	71	65	63	56.4
Kershaw	Maximum	72	72	63	64	65	65	75	78	84	84	76	77	70	84	79	70	75	80	79	75	82	83	91	80	85	92	85	90	91	85	83	78.6
	Minimum	42	42	48	46	42	47	45	48	49	55	58	58	63	58	62	57	48	51	50	62	63	61	64	62	51	65	66	70	71	61	63	55.7
Landrum	Maximum	71	68	56	69	60	69	74	80	84	79	77	73	67	82	78	72	75	79	80	75	78	82	90	79	85	81	86	87	88	87	82	77.2
	Minimum	49	38	38	46	50	49	45	43	44	56	53	52	57	54	59	58	48	47	49	58	62	59	63	61	55	63	70	60	62	64	64	54.1
Laurens §§	Maximum	72	72	57	66	66	57	75	78	83	71	78	...	75	81	70	69	74	78	79	78	84	82	82	83	81	81	89	90	92	81	82	[a]77.0
	Minimum	45	39	40	44	47	49	42	43	41	48	54	55	....	54	57	61	51	49	50	54	63	62	65	65	58	59	67	64	64	62	56	[a]53.7
Liberty	Maximum	76	69	69	75	66	70	77	80	85	82	81	76	71	82	79	75	86	81	81	72	76	85	90	86	88	9	89	88	90	86	83	80.2
	Minimum	39	47	47	44	48	49	43	43	50	54	58	54	59	57	60	60	51	51	55	64	64	64	61	65	58	62	67	64	65	65	65	55 9
Little Mountain	Maximum	73	70	63	64	65	65	74	78	83	79	73	73	75	79	76	68	73	77	79	74	78	82	86	85	81	90	87	87	90	85	81	77.2
	Minimum	45	48	50	50	44	50	48	50	55	62	65	56	60	57	61	62	50	54	54	62	65	64	65	66	58	67	68	67	66	65	58	58.2
Monetta	Maximum	73	76	59	64	66	67	76	81	86	79	76	77	77	85	78	70	76	78	81	80	80	86	90	89	85	95	94	93	95	94	84	80.3
	Minimum	42	49	50	44	47	51	48	54	54	59	59	57	61	55	61	61	53	55	56	63	65	63	64	66	59	68	67	66	70	67	65	58.0
Newberry	Maximum	....	74	59	....	68	73	79	85	....	82	78	77	76	85	80	75	....	82	84	76	82	....	93	89	90	....	....	....	....	....	....	....	[b]79 4
	Minimum	48	46	52	45	49	52	44	46	50	50	58	57	63	....	....	62	50	51	52	63	66	63	63	65	59	66	68	65	66	72	63	[b]57.0
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Santuck	Maximum	75	74	60	68	61	68	77	81	86	77	78	77	68	82	78	71	75	79	80	83	85	86	91	80	84	92	88	91	94	86	84	79.2
	Minimum	37	36	51	46	46	48	40	40	43	50	56	56	62	52	61	59	49	46	47	62	65	60	62	61	58	64	66	64	65	61	64	54.1
Spartanburg	Maximum	71	72	56	65	63	68	76	81	85	81	76	76	69	79	80	70	75	78	80	80	80	84	89	80	87	81	90	90	90	77	84	77.8
	Minimum	38	38	50	46	51	49	42	48	48	58	57	55	59	55	59	59	50	52	53	60	63	62	62	62	56	65	66	63	63	63	64	54.7
Trenton	Maximum	74	71	55	65	69	72	75	83	83	76	71	77	71	84	76	71	77	82	82	78	84	85	92	92	85	94	94	93	94	89	86	80.1
	Minimum	44	50	50	42	47	49	50	53	55	55	61	59	61	57	63	61	53	54	55	67	65	63	65	69	59	70	68	66	72	67	64	58.5
Walhalla	Maximum	77	65	61	68	69	73	76	83	84	74	78	73	72	81	76	75	75	79	82	75	75	81	88	89	86	93	89	90	94	87	84	79.1
	Minimum	40	38	47	42	48	44	39	44	47	52	57	52	58	54	56	58	49	49	53	59	63	63	58	63	58	61	65	61	60	59	64	53.7
Winnsboro	Maximum	72	72	68	64	64	66	74	....	84	82	77	77	65	82	79	69	75	79	79	75	82	85	90	82	85	90	85	90	91	85	84	[a]78.4
	Minimum	41	44	52	45	47	50	45	48	....	53	58	57	61	56	59	62	48	53	52	56	62	61	63	68	56	58	67	68	70	67	64	[a]56.4
Winthrop College	Maximum	73	73	64	64	65	67	72	80	85	83	78	76	69	83	79	68	77	81	80	76	82	86	91	89	84	89	86	90	90	91	90	79.4
	Minimum	40	45	48	45	45	48	44	47	50	57	57	62	62	55	64	48	45	51	50	62	58	61	64	60	55	55	65	65	64	63	58	54.6

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., JUNE, 1921. No. 6.

GENERAL SUMMARY.

The month was well up in the group of warm Junes, and the monthly rainfall was little more than half the normal.

The relatively dry weather during the first half of the month was unfavorable for best development in all crops, save cotton, but the wheat, oat, and rye harvests made good progress and were finished about the third week. Fields were well cultivated and unusually clean. The cotton crop made normal growth, on the other hand, but was rather small and spotted in some sections; the first bloom this season was reported from Hartsville, Darlington County, on the 9th; the crop was blooming freely in the southern and central counties at the close of the month; weevil were numerous in all sections, except the northwestern counties, but no serious damage generally was reported. Tobacco curing began about the 9th. The general crop situation was materially improved in extensive areas by copious showers at the close of the month. Good peaches of fine quality were being marketed, and native melon shipments from the southwestern counties began during the closing week.

PRESSURE.

The monthly mean for the Section, determined from reports of 9 regular Weather stations in and surrounding the Section, was 30.00 inches. The highest pressure was 30.32 inches at Due West and Greenville on the 6th; the lowest pressure was 29.67 inches at Charleston on the 19th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 78.9°, or 1.4° above the established normal. The highest temperature was 103° at Calhoun Falls, Garnett, Georgetown, Kingstree, Saluda, and Summerville on the 14th and at Kingstree on the 24th. The warmest periods were from the 12th to the 19th and between the 22d and 28th, when the daily means ranged 5° to 10° above normal. The lowest temperature was 50° at Cheraw on the 5th and 6th and at Ferguson and Orangeburg No. 1 on the 7th. The coolest period was between the 5th and 8th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 76%; noon, 53%; 8 p. m., 69%. The greatest percentages occurred along the coast, and the lowest, along the lower Piedmont.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 2.81 inches, or 2.08 inches below the established normal. The bulk of the rainfall occurred in two periods during the latter part of the month and was badly distributed in amounts and areas. In a narrow belt running northeastward from the lower coast, the amounts ranged above 4 inches, while along the central and northern coasts and in practically the entire central and up-State region the measurements ranged downward from 3 inches to less than 1 inch. The greatest local monthly amount was 5.71 inches at Ferguson, Orangeburg County, and the least local monthly amount was 0.33 inch at Chappells, Newberry County. The greatest amount during any 24 hours was 4.12 inches at Conway, Horry County, on the 19th. The number of rainy days was 40% below normal.

Deaths by Lightning.—Mr. W. P. Gardner, on Mr. M. C. Cothran's plantation, near Timmonsville, Florence County, about 3 p. m., 19th. Robert Johnson, while driving near Ridgeway, Fairfield County, during evening of 24th; two companions were injured, and a mule was killed.

Damage by Lightning.—Warehouse at Cold Point, Laurens County, fired by lightning on 28th and destroyed; loss, including 96 bales of cotton, estimated at $25,000. Large barn, containing 2,000 bushels of corn and other feedstuffs, on estate of the late C. H. Sanders, near Fairfax, Barnwell County, fired by lightning and destroyed; loss, estimated at about $8,000.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 7.1 miles. The highest average was 10.7 miles per hour at Charleston; the lowest average was 4.2 miles per hour at Charlotte, N. C., and in the Section proper, 5.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 44 miles per hour from the northeast at Savannah, Ga., on the 15th, and in the Section proper, 37 miles per hour from the west at Charleston on the 29th, and from the northwest at Greenville on the 18th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 307.6 hours, or 71% of the possible amount. The average number of clear days was 15; partly cloudy, 11, and cloudy, 4, as against normals of 13, 10, and 7 days, respectively.

RIVER CONDITIONS.

The Santee River was relatively low after the first week, and the remaining rivers of the Section were low generally throughout the month. Movable property approximating $10,000 in value was saved by flood warnings issued during the preceding month.

MISCELLANEOUS DATA FOR JUNE, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.02	71.8	87	54	4.74	1.63	6.0	nw.	84	58	74	59
Augusta, Ga.	29.99	81.2	101	60	4.56	1.41	5.2	s.	72	45	60	76
Charleston, S. C.	30.00	80.0	100	61	0.61	0.22	10.7	s.	72	59	77	74
Charlotte, N. C.	30.00	78.0	99	56	1.33	0.51	4.2	ne.	73	49	61	74
Columbia, S. C.	30.00	79.8	100	58	2.53	1.04	5.9	ne.	76	48	62	75
Due West, S. C.	30.03	78.6	99	59	1.65	0.86	7.2	sw.	74	47	...	66
Greenville, S. C.	29.99	77.4	96	59	1.75	1.03	6.9	ne.	77	54	64	68
Savannah, Ga.	30.00	70.6	100	61	5.19	2.39	10.6	sw.	75	57	74	76
Wilmington, N. C.	30.00	76.6	96	51	2.92	1.37	7.6	sw.	78	56	77	73
Means and extremes	30.00	77.1	101	51	2.81	2.30	7.1	ne. sw.	76	53	69	71

Climatological Data for June, 1921.

Stations.	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale ††	Allendale	186	40	80.2	+1.2	101	15	52	7	33	3.87	−1.53	1.10	0	6	21	8	1	n.	R. B. Vance.
Blackville	Barnwell	296	38	78.0	−1.5	98	†13	53	7	37	2.65	−2.97	1.00	0	4	20	5	5	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	79.0	+1.0	102	14	55	7	40	4.23	−1.51	1.30	0	8	14	15	1	sw.	B. O. Evans.
Charleston	Charleston	48	50	80.0	+1.5	100	17	61	6	27	0.61	−4.78	0.22	0	6	14	12	8	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	°80.5	+2.1	°100	†16	°50	† 5	°38	2.52	−2.64	1.45	0	4	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	78.6	+1.5	101	14	51	7	33	4.98	−0.09	4.12	0	5	11	4	15	sw.	Paul Quattlebaum.
Darlington	Darlington	175	26	°79.4	+2.5	°101	14	°51	7	°33	2.29	−3.44	1.00	0	7	16	11	3	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	1.68	−4.67	0.80	0	5	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	79.4	+2.3	99	14	50	7	35	5.71	−0.13	2.70	0	8	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	81.6	+2.9	102	14	59	† 6	36	1.97	−3.44	0.56	0	7	18	12	0	sw.	H. K. Gilbert.
Florence 2	....do	136	6	.....	.....	.....	.....	.....	.....	.....	1.60	−3.81	0.55	0	4	17	8	9	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	78.2	.....	103	14	54	7	36	4.28	.....	2.34	0	11	11	17	2	e.	Maner B. Robert.
Georgetown	Georgetown	12	29	°80.7	+2.1	103	14	°53	6	°32	2.85	−3.04	1.60	0	6	16	12	2	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	40	80.6	+2.5	103	†14	53	7	37	4.23	−1.19	2.66	0	5	24	0	6	sw.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	5	79.0	.....	100	†14	50	7	35	5.29	.....	1.80	0	8	14	11	5	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	1	.....	.....	.....	.....	.....	.....	.....	4.20	.....	1.45	0	8	14	8	8	se.	State A. and M. College.
Paris Island	Beaufort	13	37	°82.1	+2.8	°102	18	62	7	°33	4.20	−1.87	1.60	0	9	11	14	5	sw.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	°76.2	0.4	97	†13	54	7	.....	3.18	−2.75	0.80	0	7	11	14	5	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	2.15	.....	0.75	0	7	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	181.8	+4.7	°102	°14	161	† 1	128	2.66	−3.17	0.92	0	4	20	9	1	sw.	A. H. Rogers.
Summerville	Dorchester	75	24	79.8	+2.6	103	14	53	7	35	4.84	−0.92	1.09	0	12	13	17	0	se.	E. P. Lawton.
Yemassee	Hampton	24	33	78.6	0.0	101	14	51	7	33	5.06	−1.12	2.10	0	9	17	2	11	se.	W. C. Hutson.
Division means and extremes		.....	...	79.6	+1.6	103	†14	50	7	40	3.39	−2.51	4.12	0	7	15	10	5	ne.	
Western Portion.																				
Aiken	Aiken	527	60	79.6	+2.0	100	14	57	6	30	1.64	−3.63	0.60	0	4	22	3	5	w.	Frank B. McCoy.
Anderson	Anderson	764	26	°76.8	+0.4	96	14	°61	6	°26	3.55	−1.14	2.00	0	3	19	5	6	w.	H. H. Russell.
Batesburg	Lexington	656	38	80.6	+2.8	100	15	56	7	34	0.82	−4.26	0.43	0	4	21	8	1	sw.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	1.52	−3.52	0.54	0	3	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	79.6	.....	103	14	58	7	34	2.45	−2.42	1.78	0	6	14	11	5	se.	L. M. Parker.
Camden	Kershaw	222	74	.....	.....	.....	.....	.....	.....	.....	3.21	−1.30	1.10	0	5	27	1	2	nw.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	3.35	−2.08	1.52	0	6	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	0.33	−3.95	0.15	0	5	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	77.9	+2.1	97	25	63	† 4	27	2.92	−2.02	1.54	0	4	21	7	2	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	79.8	+1.2	100	14	58	7	27	2.53	−1.65	1.04	0	7	10	15	5	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	....	78.6	.....	99	14	59	6	29	1.65	.....	0.80	0	8	6	18	6	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	7	.....	.....	.....	.....	.....	.....	.....	2.07	.....	0.47	0	6	...	...	...	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	2.08	−3.19	0.49	0	10	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	77.4	+3.0	96	14	59	6	25	1.75	−3.47	1.03	0	10	5	24	1	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	78.2	+0.4	97	14	58	6	26	2.45	−1.85	0.95	0	6	24	0	6	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	78.2	−1.1	98	†14	52	7	36	4.63	−0.98	2.82	0	7	11	16	3	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	5	79.0	.....	102	14	51	7	35	2.74	.....	1.59	0	4	19	3	8	w.	John W. Hamel.
Landrum	Spartanburg	1063	6	77.4	.....	98	14	52	7	32	2.31	.....	1.04	0	7	12	16	2	ne.	R. Hartwell Wilds, M.D.S.
Laurens	Laurens	589	3	77.8	.....	98	14	57	† 2	31	1.11	.....	0.45	0	4	11	19	0	.....	Perry A. Simpson.
Liberty	Pickens	900	22	78.1	+1.8	98	25	61	6	31	2.75	−2.65	0.75	0	9	6	23	1	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	79.1	+1.2	99	14	58	6	28	3.01	−1.60	1.00	0	4	17	7	6	s.	J. M. Sease, M. D.
Monetta	Saluda	400	14	80.0	+2.8	102	14	55	7	35	2.56	−3.02	1.63	0	5	5	24	1	ne.	Joseph M. Johnson.
Newberry	Newberry	592	18	°81.4	+3.0	°102	24	57	7	°37	1.98	+2.38	0.75	0	7	14	10	6	sw.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	1.96	−2.56	0.48	0	7	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	°80.4	+2.4	103	14	°64	22	°38	3.14	−1.88	1.22	0	6	29	1	0	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	78.8	+2.1	101	14	55	† 2	35	2.20	−2.03	1.33	0	8	11	17	2	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	78.5	+2.4	99	14	57	6	29	2.59	−2.22	0.88	0	6	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	80.6	+2.1	102	14	55	7	36	2.45	−2.22	1.24	0	6	17	11	2	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	77.9	+3.3	99	13	59	7	36	2.00	−3.20	0.71	0	8	18	11	1	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	31	°79.6	+2.9	°99	†14	°54	6	°30	2.39	−1.99	0.70	0	8	13	14	3	ne.	Rev. Oliver Johnson
Winthrop College ††	York	690	22	79.0	+3.0	102	14	55	† 6	34	2.37	−2.01	0.65	0	8	14	8	8	se.	W. P. Goodman.
Division means and extremes		.....	....	78.9	+1.9	103	14	51	7	38	2.37	−2.50	2.82	0	6	16	11	3	sw.	
Section means and extremes		.....	....	79.2	+1.7	103	14	50	7	40	2.81	−2.08	4.12	0	6	15	11	4	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for June, 1921.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖	Savannah																1.05				.85						.07	.50		1.10	.30		3.87
Blackville ‖	Edisto																1.00				.20					.25		.20		1.00			2.65
Bowman	do		T.	T.													1.30	T	.15		.20				.30	1.20		.60	.18		.30		4.23
Charleston ***	Coast	T.		T.		.10										.04			T.	.13				T.		.01	.21	.11	.01	T.			0.61
Cheraw ‖	Pee Dee										T.									.39	1.45					T.	.45				.23		2.52
Conway ‖	Waccamaw	T.		T.													.07			.17	4.12					T	.56	.06	T.				4.98
Darlington ‖	Pee Dee																		.08	.58	1.00					.33	.04		.03	T.	.23		2.29
Effingham ‖	Lynches																.20			.80	.15					T.	.17		.36		T		1.68
Ferguson ‖	Santee			.02							.25						T.			T.	.55						2.70	.70	.67	.06	.76		5 71
Florence 1 ‖	Pee Dee																		T.	.48	.33					.56	.37		.04	.03	.16		1.97
Florence 2 ‖	do																			*	1.05					*	.55						1.60
Garnett	Savannah		.15	.03	.63	.04										.25	.08		T.	.28	.11					.02					.38	2.31	4.28
Georgetown	Coast					.20									T.					.55	1.00				T.	T.	.65	.30	.15				2.85
Kingstree ‖	Black																.46				.43						.43		2.66		.27		4.23
Orangeburg 1	Edisto																1.80			.05	.62	.30				.02	1.41		T.	.14	.95		5.29
Orangeburg 2	do		.20													1.45			.20	.65	.25							.25	.10	1.10			4.20
Paris Island	Coast				.10		.10	.40									.10			.80	.90						.10		1.60	.10			4.20
Pinopolis	Cooper		.10		.45											.90				.30							.33	.30			.86		3.18
Rimini ‖	Santee																			.75						.22	.22	.38	.08	.10	.40		2.15
Society Hill ‖	Due West																			.04	.89						.92				.81		2.66
Summerville	Ashley		.18		.62	.20										.53			.16		.23				.43	1.09	.02	.60		.15	.63		4.84
Yemassee ‖	Ashepoo			.13	.07		.25									.56	2.10				.23									.34	.28	1.10	5.06
Western Portion.																																	
Aiken	Edisto																.31		.32								.41				.60			1.64
Anderson	Savannah									T.							2.00									1.33					.22			3.55
Batesburg ‖	Edisto										T.						.43										.06				.02	.31		0.82
Blairs ‖	Broad																				.48					.54					.50			1.52
Calhoun Falls ‖	Savannah																1.78		.13			.07					.14					.29		2.45
Camden ‖	Wateree																				1.10						.60	.20		.35		.90		3.21
Catawba ‖	Catawba										.15									.55		.48				.45	1.52				.20			3.35
Chappells ‖	Saluda																.05		.03		.10	.05									.10			0.33
Clemson College	Savannah									.23	.53					T.									T.	.62			1.54					2.92
Columbia ***	Congaree										.04					.73		.03	T.	1.04	T.			T	T.	.59		.01	.09					2.53
Due West	Savannah									.26	.62					T.			T.	.08	.02			T	.35	.12	T.	.59	.21	T.			1.65
Edgefield ‖	Savannah															.45	.15			.30							.40		.30	.47				2.07
Gaston Shoals ‖	Broad								.11		.10	.01	.49						.40	.03		.32	T.				.37	T	.06	.10	.69			2.08
Greenville ***	Saluda					.06				.10	.03	.21		T.					.19	.07	T.	T.				.96	.08		.04	.01				1.75
Greenwood ‖	do											T					.38			.32	.09	.25					.46			.95				2.45
Heath Spring	Wateree									.08											.90					.14	2.82	.07		.05	.57			4.63
Kershaw ‖	Lynches																				.72					.23	1.59					.20		2.74
Landrum	Broad									.32	.32									1.04	.18					.04		.20	.21					2.31
Laurens ‖	Saluda										.18									.45						.25			.23					1.11
Liberty	Savannah					.40				.10	.02		T.			.60	T.		.25	T.	T	.01		.02	T.	T.	.60	.75						2.75
Little Mountain	Saluda																1.00	.50	.80	.71						T.			T.	T.			3.01
Monetta	Edisto																.68				.04					1.63			.05	.16			2.56
Newberry	Saluda										.24					.75	.10		.20	.05	T.					.28			.36				1.98
Pelzer ‖	do					.10					.06									.42	.24					.24			.48	.42			1 96
Saluda	do										.45					.50										1 22			.60	.20	.17		3.14
Santuck	Broad				.04						.02								.33	T.	1.33	.07				.33	.05			.03				2.20
Spartanburg ‖	do									.30		T.							.08		.88	T.				.88	T.			.38	.07			2.59
Trenton	Edisto															.28		T.	.30		T.					.36		.12	1.24	.15				2.45
Walhalla	Savannah					.01				.08							.71				.13	.03				.40		.34		.20				2.00
Winnsboro ‖	Broad										.70	.28							.06	.17	.60						.02			.50	.06			2 29
Winthrop College	Catawba																.04	.27	.02		1.00					.31	.65		.04	.04				2.37

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.9	107	44	3.53	8				
1888	78.1	102	51	2.73	7				sw.
1889	74.4	99	39	5.10	10				se.
1890	80.9	103	56	2.41	8				sw.
1891	79.3			3.20					
1892	75.1	99	53	5.25					sw.
1893	76.5	96	53	7.64	12	10	11	9	se.
1894	77.0	105	41	3.91	8	13	12	5	sw.
1895	78.2	105	50	3.04	8	13	13	4	sw.
1896	77.9	102	52	5.42	12	11	12	7	sw.
1897	79.2	103	49	5.44	12	10	13	7	sw.
1898	79.7	105	55	4.15	8	17	10	3	sw.
1899	79.4	105	48	3.89	8	14	10	6	sw.
1900	76.2	97	52	7.94	14	4	15	11	sw.
1901	76.7	102	48	6.55	12	9	12	9	sw.
1902	78.5	105	52	4.48	9	15	10	5	sw.
1903	74.2	96	42	8.09	14	11	10	9	sw.
1904	77.0	102	48	4.06	8	18	7	5	sw.
1905	78.9	101	43	1.92	6	6	14	10	e.
1906	78.4	102	52	8.88	12	13	8	9	sw.
1907	75.8	99	50	5.92	10	12	13	5	sw.
1908	76.6	100	48	4.90	9	13	13	4	ne.
1909	79.2	105	58	6.87	12	10	14	6	sw.
1910	75.5	98	46	7.78	13	10	11	9	sw.
1911	80.9	106	54	3.42	8	14	12	4	sw.
1912	75.5	101	48	5.68	9	13	7	10	sw.
1913	76.2	105	40	5.53	12	15	9	6	sw.
1914	81.1	108	50	3.80	8	14	12	4	sw.
1915	76.0	103	49	4.26	9	14	10	6	s.
1916	76.4	100	48	5.12	11	12	11	7	sw.
1917	76.9	102	43	4.49	8	16	10	4	sw.
1918	77.0	106	50	3.44	7	15	9	6	ne.
1919	76.4	101	46	5.97	10	11	9	10	e.
1920	77.4	105	52	3.41	6	19	7	4	s.
1921	79.2	103	50	2.81	6	15	11	4	sw.
Period	77.5	108	39	4.89	10	13	10	7	sw.

Daily Temperatures for June, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	89	86	85	88	88	82	85	89	87	88	92	98	100	100	101	90	98	99	97	86	90	91	95	99	98	92	97	94	93	93	....	92.3
	Minimum	65	68	68	68	68	60	52	56	61	60	66	70	70	75	73	68	73	75	75	68	68	63	65	74	75	73	74	71	70	70	....	68.1
Blackville	Maximum	94	91	92	95	90	86	90	95	95	95	80	96	98	94	98	91	90	92	92	87	94	89	96	98	90	85	89	88	90	87	....	91.6
	Minimum	61	62	65	65	63	57	53	59	61	59	59	63	67	70	70	65	70	70	70	66	64	63	63	70	68	70	65	67	67	61	....	64.4
Bowman	Maximum	88	83	85	89	85	80	88	90	90	89	93	97	99	102	98	97	96	99	97	92	90	93	96	97	98	95	97	93	93	94	....	92.8
	Minimum	62	65	65	66	68	58	55	60	60	59	58	57	62	70	70	69	68	71	70	68	65	64	68	69	70	69	70	68	67	68	....	65.3
Charleston	Maximum	80	79	78	81	83	79	76	81	80	81	84	92	96	97	88	84	100	100	99	81	82	84	89	95	90	90	96	88	91	90	....	87.1
	Minimum	68	71	72	71	68	61	64	68	69	69	72	74	75	78	74	73	77	77	72	72	75	73	75	78	80	79	75	76	73	75	....	72.8
Cheraw §§§	Maximum	92	94	95	83	88	90	94	89	88	95	98	99	98	98	98	100	100	....	....	....	....	....	....	98	96	100	99	98	94	92	92	....	[c]94.7
	Minimum	61	61	63	65	50	50	60	64	66	64	66	70	68	69	67	70	74	69	....	....	....	....	....	....	74	70	74	71	70	69	72	....	[c]66.3
Conway	Maximum	87	82	83	85	82	82	84	88	85	84	88	96	100	100	90	90	99	100	92	83	85	87	93	96	94	90	97	95	93	94	....	90.2
	Minimum	65	65	66	66	61	52	51	60	60	63	65	69	71	71	71	72	74	73	65	68	65	63	63	73	73	74	75	70	75	72	....	67.0
Darlington §§§	Maximum	97	86	87	90	90	82	84	90	88	89	92	95	98	101	93	92	100	98	91	85	88	....	....	97	91	92	97	95	95	93	...	[b]92.1
	Minimum	61	63	64	....	64	65	51	61	59	65	64	70	70	70	70	67	73	73	70	67	64	63	....	....	74	71	74	69	71	70	...	[c]66.7
Ferguson §§§	Maximum	82	83	88	87	79	82	85	89	89	89	92	95	98	99	96	92	98	97	98	88	88	92	96	98	95	92	96	93	93	92	....	91.4
	Minimum	64	67	67	69	69	57	50	58	59	60	67	69	70	76	78	69	73	69	72	69	65	61	67	70	73	73	70	69	71	69	....	67.3
Florence 1	Maximum	91	88	90	95	88	77	89	95	92	94	95	98	100	102	97	95	100	95	91	89	92	94	96	96	94	92	98	98	96	94	....	93.5
	Minimum	67	68	68	69	69	59	59	65	69	71	66	71	72	74	72	70	74	75	72	68	65	65	70	75	74	74	76	70	72	71	....	69.7
Garnett	Maximum	87	88	82	86	87	83	86	90	90	91	93	98	100	103	101	93	100	102	100	89	99	94	98	101	100	97	102	97	96	95	....	91.0
	Minimum	65	69	69	69	68	60	54	59	60	61	64	68	69	72	70	70	72	72	68	67	67	63	69	71	73	71	71	70	69	69	....	65.3
Georgetown	Maximum	85	82	83	86	86	87	85	88	87	90	90	94	101	103	90	92	101	102	102	95	87	90	96	100	96	91	98	95	95	95	....	92.4
	Minimum	63	65	69	68	68	53	60	65	60	63	65	70	72	94	75	71	78	78	..	69	65	62	69	74	75	74	74	69	69	71	....	[c]69.0
Kingstree	Maximum	87	84	90	89	82	83	90	95	85	92	92	97	101	103	96	93	101	100	99	85	85	91	96	103	100	94	100	98	97	95	....	93.5
	Minimum	63	67	67	67	67	56	53	60	64	63	66	66	73	72	72	71	73	73	71	69	66	63	70	74	75	73	71	68	72	70	....	67.8
Orangeburg 1	Maximum	88	86	86	89	85	82	85	90	88	89	92	96	99	100	94	90	98	100	99	82	86	88	94	97	95	93	93	92	92	91	....	91.3
	Minimum	64	66	67	66	66	58	50	59	62	60	67	67	67	69	63	68	73	72	67	69	66	66	69	73	73	72	74	69	68	68	....	66.6
Paris Island §§§	Maximum	....	....	84	86	....	....	85	86	87	89	87	95	99	101	100	94	102	....	100	87	87	91	93	95	95	94	100	94	95	97	....	[c]92.9
	Minimum	69	73	72	70	69	64	62	67	65	67	69	70	72	76	76	73	75	75	73	67	73	71	73	75	78	76	73	73	68	71	....	71.3
Society Hill §§§	Maximum	88	89	89	91	80	84	87	94	90	87	95	98	101	102	99	101	102	100	95	....	....	91	94	98	95	....	98	97	95	85	....	[c]93.5
	Minimum	61	62	63	63	68	70	61	70	71	70	69	74	79	75	75	76	77	....	....	....	....	....	....	....	....	....	....	78	70	70	....	170.1
Summerville	Maximum	91	87	85	88	84	84	85	88	88	88	93	99	100	103	101	88	99	102	99	85	89	93	96	99	95	93	94	91	94	93	....	92.6
	Minimum	56	69	68	68	68	56	53	60	60	60	65	68	70	77	66	70	73	72	69	69	66	60	68	71	73	72	72	69	69	69	....	66.9
Yemassee	Maximum	88	88	82	85	85	84	84	86	85	81	90	97	98	101	98	93	98	99	96	87	87	91	94	97	96	94	96	93	93	93	....	91.3
	Minimum	63	67	67	67	65	56	51	57	57	58	61	67	69	71	70	69	71	72	71	66	66	60	66	70	73	70	72	68	68	66	....	65.8
Western Portion.																																	
Aiken	Maximum	87	86	85	88	88	84	85	88	89	89	91	88	97	100	92	91	97	98	96	96	90	92	98	98	97	97	97	96	92	94	....	92.2
	Minimum	64	65	68	67	68	57	59	63	64	61	68	68	70	73	73	69	73	73	73	70	68	68	72	68	65	66	62	59	60	69	....	66.9
Anderson	Maximum	85	84	85	83	76	77	83	88	87	83	87	92	95	96	94	85	90	93	88	72	83	84	88	92	93	88	90	92	90	93	...	87.2
	Minimum	63	63	75	69	67	61	62	64	67	67	70	71	69	....	75	68	75	74	71	66	69	68	70	72	72	76	72	73	68	71	...	[b]66.5
Batesburg	Maximum	88	90	89	90	88	81	83	90	90	91	95	96	98	99	100	98	95	97	96	87	90	92	95	99	97	95	98	98	93	94	...	93.3
	Minimum	67	69	68	64	65	58	56	60	61	62	67	69	70	72	75	69	74	75	73	69	67	68	69	69	71	69	70	70	70	69	....	67.9
Calhoun Falls §§§	Maximum	89	88	88	88	88	85	86	92	94	93	93	96	100	103	97	92	98	98	90	80	89	91	96	98	98	97	100	98	91	97	..	93.2
	Minimum	59	59	63	65	70	60	58	62	62	63	66	67	66	69	70	66	67	69	72	65	67	66	68	69	70	69	70	70	67	67	....	66.0
Camden §§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	84	84	83	85	79	79	82	89	84	80	86	90	93	94	90	88	85	93	91	75	82	88	95	95	97	89	95	96	93	92	....	87.9
	Minimum	65	60	67	63	67	63	63	63	69	69	68	69	68	69	74	70	71	71	72	68	69	70	67	69	70	70	69	68	66	69	....	67.9
Columbia	Maximum	86	85	85	87	77	81	85	89	90	87	92	96	99	100	93	89	96	96	96	82	86	89	93	98	91	94	96	94	92	93	....	90.6
	Minimum	64	66	67	66	66	59	58	64	67	68	70	71	73	74	70	69	75	73	69	70	67	69	71	75	72	71	75	72	70	71	....	69.1
Due West	Maximum	86	86	86	88	77	80	83	90	90	87	90	92	94	99	91	90	95	95	95	77	85	89	94	97	97	91	94	95	91	94	....	89.9
	Minimum	61	62	64	66	66	59	61	64	65	67	69	69	68	70	70	68	70	72	69	66	69	68	70	71	73	70	71	68	68	69	....	67.4
Greenville	Maximum	85	83	84	87	74	78	81	88	82	82	85	90	91	96	90	90	90	91	88	74	80	87	93	92	92	86	92	93	91	93	....	86.9
	Minimum	63	64	65	64	65	59	63	63	65	67	69	69	71	74	72	69	69	69	68	64	69	69	70	71	71	70	73	70	68	70	..	67.8
Greenwood	Maximum	84	84	83	86	78	80	84	90	89	87	90	91	95	97	91	89	94	94	92	79	84	87	93	95	91	90	92	91	89	90	....	88.7
	Minimum	61	59	63	66	65	58	60	65	65	66	69	70	70	71	72	68	72	73	72	66	68	71	70	72	72	70	72	72	68	69	....	67.8
Heath Spring	Maximum	83	84	84	87	84	88	84	86	86	83	88	93	96	98	98	95	98	97	95	92	91	89	92	96	96	93	92	93	91	89	....	90.8
	Minimum	60	59	61	64	53	53	52	63	65	65	65	70	71	72	69	68	71	75	68	65	65	64	70	75	70	68	72	72	61	66	....	65.7
Kershaw	Maximum	85	88	88	91	79	83	86	90	88	88	92	96	98	102	94	95	100	99	99	83	89	91	95	99	94	92	96	96	92	93	...	92.0
	Minimum	61	59	61	63	65	52	51	61	65	66	65	69	70	79	70	65	70	70	68	66	65	64	70	75	70	69	72	70	68	70	....	66.0
Laudrum	Maximum	87	86	86	91	77	81	83	87	78	84	87	92	95	98	91	94	96	95	92	79	81	92	95	94	93	88	95	95	91	94	..	89.3
	Minimum	58	59	62	59	65	57	52	65	65	68	64	68	68	73	69	69	68	76	65	62	65	61	63	69	68	69	74	68	69	70	....	75.6
Laurens §§§	Maximum	85	86	85	89	76	80	83	90	89	88	89	93	95	98	91	92	96	97	93	78	84	90	94	97	94	92	95	95	91	93	....	90.0
	Minimum	61	57	63	62	62	57	59	59	60	61	66	65	67	67	68	70	68	69	70	67	68	66	66	69	71	70	70	76	68	69	....	65.7
Liberty	Maximum	87	86	86	88	78	82	84	91	84	88	87	92	96	97	88	89	94	94	94	75	84	90	97	92	98	85	93	94	82	93	....	88.9
	Minimum	63	63	63	62	65	61	62	63	66	65	67	66	66	68	74	70	67	72	70	66	68	68	70	70	70	72	71	71	69	70	...	67.3
Little Mountain	Maximum	85	85	84	88	80	85	83	85	88	90	90	91	96	99	92	90	94	93	94	80	84	86	92	95	94	92	97	96	94	93	...	89.9
	Minimum	62	63	65	67	65	58	59	62	68	73	69	69	71	68	73	68	69	72	68	67	69	67	70	74	71	70	75	76	72	70	....	68.3
Monetta	Maximum	88	87	87	90	84	82	89	90	92	90	90	95	98	102	94	90	96	98	97	84	91	92	95	99	96	94	97	100	92	94	....	92.6
	Minimum	64	64	67	66	64	57	55	61	64	61	68	69	70	75	72	68	72	74	73	69	67	66	70	72	70	70	72	71	70	69	....	67.7
Newberry	Maximum	88	89	89	87	83	85	89	94	94	93	95	101	102	....	96	93	101	100	99	85	....	....	....	102	....	....	98	101	96	100	...	[b]94.2
	Minimum	66	62	65	63	67	68	57	62	65	68	68	72	69	70	74	70	70	71	70	69	67	66	72	73	72	71	77	76	70	70	....	68.5
Saluda	Maximum	87	87	85	90	82	82	87	77	90	92	92	95	100	103	94	93	96	100	100	83	88	96	97	102	97	94	99	95	96	94	....	92.4
	Minimum	..	....	....	....	....	....	....	....	....	....	....	65	68	66	68	65	68	70	70	68	70	66	64	70	70	69	69	71	70	69	70	....	[b]68.3
Santuck	Maximum	87	87	87	92	89	82	85	92	89	89	93	98	99	101	93	95	99	97	97	81	86	89	96	99	95	95	96	98	95	98	....	92.6
	Minimum	59	55	61	60	66	56	55	60	63	65	65	64	67	65	71	64	67	70	66	67	65	64	70	71	70	70	71	68	70	68	....	65.1
Spartanburg	Maximum	88	87	87	91	79	81	86	84	84	85	90	94	98	99	92	97	96	95	95	80	86	90	97	96	94	91	95	95	92	94	....	90.6
	Minimum	60	60	62	61	66	57	58	62	65	65	66	68	70	70	71	68	67	73	67	64	68	64	69	70	70	70	72	70	70	70	....	66.4
Trenton	Maximum	89	88	88	92	85	85	88	91	92	92	91	96	98	102	92	92	97	100	95	85	92	94	97	99	99	96	98	96	91	93	....	93.1
	Minimum	64	64	69	66	66	59	55	63	63	62	61	70	70	74	71	69	74	72	77	69	69	66	70	74	72	70	72	69	69	70	....	68.0
Walhalla	Maximum	88	86	87	93	77	80	84	83	87	82	91	95	99	98	91	89	95	96	96	75	85	89	97	95	98	91	94	98	95	96	....	90.3
	Minimum	62	62	65	61	62	63	59	58	66	67	63	63	66	63	71	68	69	67	67	66	67	64	65	68	68	69	71	68	67	69	....	65.5
Winnsboro §§§	Maximum	86	87	87	90	78	....	....	....	89	88	90	94	96	99	93	91	97	95	96	81	85	90	94	99	94	94	98	97	93	94	..	[c]91.7
	Minimum	61	61	63	64	66	54	....	....	....	66	66	71	70	71	72	69	72	72	70	67	65	65	70	71	71	70	71	70	68	70	....	[c]67.6
Winthrop College	Maximum	88	88	90	91	80	85	86	88	90	87	93	96	97	102	100	95	98	94	91	85	87	90	96	97	96	95	97	93	94	94	...	92.1
	Minimum	60	58	57	60	65	55	55	62	64	67	69	70	69	69	68	68	67	70	68	66	64	67	71	70	69	69	73	72	69	69	....	66.0

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.
§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

551.05
UnSC

UNIVERSITY OF [illegible]
SEP 10 1921

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., JULY, 1921. No. 7.

GENERAL SUMMARY.

Thermal conditions ranged close to the seasonal average, with no decided departures. The rainfall was superabundant, on the whole, and was excessive throughout nearly the entire coastal plain, while over a large portion of the Piedmont the monthly amounts were below normal.

All vegetation improved wonderfully incident to the rains, which finally exceeded all needs in the major portion of the coastal plain, while crops were in need of rain in the Piedmont. Excepting late plantings in the southern sections, the corn crop was in generally excellent condition, and all other crops were in like condition, according to distribution of the excessive rains. Tobacco curing continued throughout the month, and shipments of commercial watermelons, cantaloupes, cucumbers, and peaches ended about the close of the month. Cotton, in common with other crops, showed rapid growth, but at the expense of fruit in many sections, where the plants were sappy and rather rank; the first bloom of the season was picked at Hartsville, Darlington County, on the 27th, and first blooms were reported from Lykesland, Richland County, on August 2; the boll weevil became a serious menace in the central, eastern, and southern counties at the end of the month, the continued wet weather being especially favorable for propagation.

PRESSURE.

The monthly mean for the Section, determined from reports of 9 regular Weather stations in and surrounding the Section, was 30.04 inches. The highest pressure was 30.32 inches at Columbia and Due West and at Asheville, N. C., on the 25th; the lowest pressure was 29.76 inches at Charlotte, N. C., on the 2d, and in the Section proper, 29.79 inches at Columbia and Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 79.6°, or 0.2° below normal. The highest temperature was 101° at Calhoun Falls, Abbeville County, on the 30th. The lowest temperature was 60° at Aiken, Aiken County, on the 15th and 17th. The temperatures were nearly uniform, with no marked warm or cool periods.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 84%; noon, 63%; 8 p. m., 78%. The highest percentages occurred along the seaboard, and the lowest, over the northern counties.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 7.44 inches, or 1.50 inches above normal. Rainfall occurred in some part of the Section every day of the month, but the showers were intermittent during the first and last decades. Precipitation was badly distributed in area and amounts, ranging from 7 to over 17 inches throughout the coastal plain, with decidedly smaller measurements in the Piedmont, west of the Broad River, ranging downward from 5 to nearly 2 inches. The greatest local monthly amount was 17.17 inches at Georgetown, Georgetown County; least local monthly amount, 2.21 inches at Gaston Shoals, Cherokee County. The greatest amount during any 24 hours was 7.58 inches at Charleston on the 13-14th. The average number of rainy days was 27% above normal.

Deaths by Lightning.—Mr. Robert Fulton at Charleston, 11th; young son of Mr. Hillary DeLoach, 3 miles west of Saluda, 12th; two children of Mr. and Mrs. David Odam, 8 miles north of Greer, 14th; Mr. Ernest Harswell at Gaffney, 17th.

Damage by Lightning.—Barn and contents of Mr. J. A. Spann, 5 miles south of Bamberg, 11th; loss estimated at $6,000. Dwelling of Mr. P. T. Trimmier at Cottageville, 11th; loss about $2,000. Barn and contents of Dr. J. E. Masey at Van Wyck, 11th; loss, including 50 bales of cotton, about $15,000.

A destructive hailstorm in Pickens County, southeast of Easley, seriously affected about 1,000 acres of growing crops on the 11th; the hailstorm lasted about an hour.

WIND.

The prevailing wind was from the east. The average hourly velocity, determined from 9 anemometer records, was 6.9 miles. The highest average was 10.3 miles per hour at Savannah, Ga., and in the Section proper, 10.1 miles per hour at Charleston; the lowest average was 3.7 miles per hour at Charlotte, N. C., and in the Section proper, 6.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 43 miles per hour from the north at Savannah, Ga., on the 10th, and in the Section proper, 38 miles per hour from the southwest at Due West on the 9th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 256.6 hours, or 58% of the possible amount. The average number of clear days was 9; partly cloudy, 13, and cloudy, 9, as against normals of 12, 12, and 7 days, respectively.

MISCELLANEOUS DATA FOR JULY, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.05	73.2	89	60	5.15	2.00	5.5	se.	88	59	76	55
Augusta, Ga.....	30.02	80.3	97	69	6.02	1.44	5.0	s.	84	64	78	62
Charleston, S. C...	30.04	80.6	93	71	16.61	7.58	10.1	s.	82	71	82	57
Charlotte, N. C ...	30.03	79.5	96	63	5.55	1.95	3.7	sw.	81	57	71	64
Columbia, S. C....	30.05	79.9	96	68	5.64	0.89	6.1	s.	87	61	77	66
Due West, S. C....	30.06	79.0	97	65	6.10	3.56	6.7	e.	87	60	...	54
Greenville, S. C...	30.02	78.6	96	65	3.15	1.66	6.7	e.	80	58	68	62
Savannah, Ga.....	30.04	80.2	95	69	14.34	5.17	10.3	sw.	86	69	83	45
Wilmington, N. C.	30.05	78.6	94	67	11.17	2.06	7.7	sw.	84	68	85	61
Means and extremes	30.04	78.9	97	60	8.19	7.58	6.9	s. sw.	84	63	78	58

Climatological Data for July, 1921.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipt on 0.01 in. or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	
Eastern Portion.																				
Allendale	Allendale	186	40	79.8	−4.0	97	31	67	†24	26	9.92	+4.57	2.10	0	19	5	22	4	e.	R. B. Vance.
Blackville	Barnwell	296	38	[b]78.9	−2.8	[b]99	30	[b]66	† 4	[b]31	7.30	+1.98	2.10	0	19	9	10	12	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	79.2	−1.2	99	31	65	†24	31	9.32	+3.78	2.76	0	18	12	17	2	sw.	B. O. Evans.
Charleston	Charleston	48	50	80.6	−0.7	93	1	71	14	19	16.61	+9.35	7.58	0	19	3	18	10	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	80.8	+0.6	98	† 2	65	23	30	10.48	+4.66	2.12	0	10	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	79.8	−0.3	95	31	68	†23	23	6.27	−0.22	1.76	0	17	4	3	24	se.	Paul Quattlebaum.
Darlington	Darlington	175	26	79.8	−0.2	95	2	66	24	24	10.24	+5.41	3.02	0	16	1	9	21	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	14.33	+9.85	4.43	0	18	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	80.3	+0.9	97	31	67	28	27	11.26	+5.34	2.77	0	14	...	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	80.4	−1.0	98	31	68	†23	26	7.16	+1.76	1.66	0	17	8	17	6	sw.	H. K. Gilbert.
Florence 2	....do	136	6	.....	.....	.....	.....	.....	.....	.....	6.53	+1.13	1.55	0	15	5	18	8	e.	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	80.8	.....	98	8	68	†22	27	11.96	.....	2.84	0	22	5	18	8	ne.	Muner B. Robert.
Georgetown	Georgetown	12	29	80.2	−0.4	99	12	67	23	25	17.17	+10.22	3.45	0	14	2	27	2	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	40	[c]81.0	+0.6	[c]98	† 2	[c]68	24	[c]28	9.02	+3.32	1.25	0	16	21	1	9	s.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	5	79.6	.....	96	31	67	24	24	8.78	.....	1.69	0	22	1	13	17	s.	U. S. Fisheries Station.
Orangeburg 2	....do	264	1	.....	.....	.....	.....	.....	.....	.....	8.23	.....	1.65	0	19	10	9	12	sw.	State A. and M. College.
Paris Island	Beaufort	13	37	82.6	+1.5	100	10	70	†25	28	8.70	+1.63	1.90	0	14	2	25	4	sw.	U. S. Marine Corps.
Pinopolis**	Berkeley	54	73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	9.94	.....	2.63	0	15	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	79.6	+0.1	97	31	66	†22	25	8.94	+2.75	2.50	0	12	7	17	7	sw.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	79.8	−0.1	95	9	68	†14	25	9.49	+3.47	1.82	0	21	9	13	9	se.	E. P. Lawton.
Yemassee	Hampton	24	33	79.9	−1.3	96	31	66	24	25	12.66	+5.91	1.92	0	19	14	2	15	se.	W. C. Hutson.
Division means and extremes		.....	....	80.2	−0.1	100	10	65	†23	31	10.20	+4.34	7.58	0	17	7	14	10	sw.	
Western Portion.																				
Aiken	Aiken	527	60	[b]79.0	−1.2	[b]96	†12	60	†15	[b]27	5.66	+0.96	1.43	0	8	11	5	15	w.	Frank B. McCoy.
Anderson	Anderson	764	26	78.8	−1.1	98	31	66	23	28	2.49	−3.04	0.83	0	10	16	2	13	w.	H. H. Russell.
Batesburg	Lexington	656	38	78.7	−0.3	96	† 2	63	23	31	3.98	−1.45	1.32	0	7	13	15	3	se.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	6.55	+1.45	1.60	0	11	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	79.6	.....	101	30	65	24	32	5.70	+0.96	1.05	0	11	5	10	16	s.	L. M. Parker.
Camden	Kershaw	222	74	.....	.....	.....	.....	.....	.....	.....	10.38	+5.30	2.15	0	12	.....	.....	.....	.....	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	6.65	+0.91	1.85	0	10	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	3.77	−0.50	1.73	0	12	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	78.6	+0.8	95	2	65	†23	29	5.12	−0.11	0.83	0	13	13	15	3	e.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	79.9	−1.1	96	31	68	25	23	5.64	−0.42	0.89	0	16	2	15	14	s.	U. S. Weather Bureau.
Due West	Abbeville	711	....	79.0	.....	97	31	65	23	27	6.10	.....	3.56	0	12	1	18	2	e.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	7	.....	.....	.....	.....	.....	.....	.....	5.53	.....	1.32	0	10	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	2.21	−5.77	0.54	0	11	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	78.6	+1.6	96	31	65	23	24	3.15	−2.27	1.66	0	10	5	20	6	e.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	78.0	−2.0	95	31	65	†23	25	4.39	−1.03	0.95	0	8	18	0	13	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	78.6	−1.8	94	† 2	65	25	26	6.19	+1.94	1.30	0	12	4	18	9	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	5	79.4	.....	97	2	65	24	27	8.24	.....	1.59	0	14	15	0	16	e.	John W. Hamel.
Landrum	Spartanburg	1063	6	78.2	.....	97	† 1	63	†23	30	9.26	.....	2.60	0	11	11	16	4	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	3	79.4	.....	96	13	65	†23	28	3.15	.....	1.08	0	8	4	26	1	.....	Perry A. Simpson.
Liberty	Pickens	900	22	78.8	−0.4	96	31	65	23	27	5.03	−0.77	1.70	0	13	9	21	1	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	79.2	−1.2	95	† 1	66	23	26	7.72	+2.98	1.67	0	10	15	6	10	se.	J. M. Sease, M. D.
Monetta	Saluda	400	14	79.5	−0.2	96	†12	67	21	26	5.71	+1.35	1.16	0	18	1	3	27	e.	Joseph M. Johnson.
Newberry	Newberry	502	18	[c]80.0	−0.8	[c]97	† 9	66	†23	[c]30	3.65	−0.79	1.12	0	8	5	9	7	sw.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	3.50	−1.80	2.30	0	10	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	79.3	−1.2	100	31	65	†24	34	4.08	−0.13	1.15	0	11	23	7	1	s.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	79.2	−0.4	99	2	64	†23	30	7.96	+3.01	2.66	0	11	13	10	8	se.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	79.2	−0.1	97	† 9	62	23	27	3.40	−0.85	1.30	0	12	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	79.3	−1.2	96	31	67	24	26	6.85	+1.20	1.25	0	12	11	9	11	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	78.0	+1.0	97	31	63	† 1	32	5.29	−0.67	1.85	0	12	14	15	2	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	31	79.4	−0.2	96	1	65	†23	27	8.10	+3.18	1.75	0	13	11	16	4	se.	Rev. Oliver Johnson
Winthrop College ††	York	690	22	79.8	−0.1	98	31	63	23	28	7.34	+2.45	2.00	0	14	11	13	7	s.	W. P. Goodman.
Division means and extremes		.....	....	79.1	−0.4	101	30	60	†15	34	5.57	+1.19	3.56	0	11	10	12	9	e.	
Section means and extremes		.....	.....	79.6	−0.2	101	30	60	†15	34	7.44	+1.50	7.58	0	14	9	13	9	e.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for July, 1921.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah	2.10	.14	T.	T.		.05				.40	.05	.60		.50	.38	.05	.30	.40		1.75	1.20	.30	.20	.20		.30	.65	.35			9.92
Blackville ‖‖	Edisto	.10	.20		.25		.10			.15		.30	.60	.70	.20	.25	.65		.15	.40	.70	2.10			.15	.10		.10					7.30
Bowman	do	1.30	.10		.50	.44		.22		.15	.20	.10	.15	.06	.10			2.76	.08			.10	1.98	T	.40	T.	T.	.38		.30			9.32
Charleston ***	Coast			.12	1.44	.35	.28			.01	1.34	.10	.89	.75	7.11	1.30	.05	T.	T.	T.	T.	1.20	.79			.08	.18	.48	.02	.12		T.		16.61
Cheraw ‖‖	Pee Dee	T.	.28	1.98				.48					.84	1.05	1.02	1.08				.85		2.12	.78										10.48
Conway ‖‖	Waccamaw	.39		.41		.13					.18		.23	.15	.33	.35	.03	.30	.55	T.		1.76	.61	.52	.14				.13	T.	.66		6.27
Darlington ‖‖	Pee Dee			.30				.05					.15	2.55	.45	.28	.10	.80	.40	.35		3.02	.28	1.00	.08				.03	.37	.03	T.	10.24
Effingham ‖‖	Lynches			.35	.30			.46	.27				.15	4.43	.63	.20	.51	.20	1.10	.08		1.16	.80	.33			.12		1.30	2.00			14.33
Ferguson ‖‖	Santee	.26					.15	.38	T.			.67	.87	1.57	T.	.27	T.		2.77	T.		.72	2.37	.03		.34	.50			.36			11.26
Florence 1 ‖‖	Pee Dee	.17		.29				1.04	.02				.19	.98	.34	.44	.06	.10	.44			1.66	.27	.32				.12	.68	.04			7.16
Florence 2 ‖‖	do			.30				.55	.10				.87	.25	.15	.17		.18				1.55	.20	.65				.05	1.47	.04			6.56
Garnett	Savannah		.05	.05	2.84	T.	.18	.26			1.16	.10	.50	.20	1.24	.98	T.	.02	T.	T.	.01	1.43	1.38	.03	.47	.67	.06	.01	.13	.19			11.96
Georgetown	Coast	.34	T.	.40	2.30						1.08	1.22		1.70	1.80	.38		T.				2.81	3.45				.25	.25	.39		.80	17.17
Kingstree ‖‖	Black	.50					.36	.08					1.10	1.20	1.10	.13		.24	.49	.20		.80	1.25	.35		T.	.12		.56		.54		9.02
Orangeburg 1	Edisto		1.06	.12	.69		.25	.22	.03			.08		12	1.69	.46	.82	.29	.82	.11	.01	.75	.43	.29		.11			.20	.14	.69		8.78
Orangeburg 2	do	1.10		1.65		.42	.21	.10			.20		.12	.20	.65	.65	.10	.10	.20		.60	1.10	.20		.36			.12	.15				8.23
Paris Island	Coast						.80	.20	.10			.50	.30			.70	.10	1.90				.70	1.20		.30			.80	.90	.20			8.70
Pinopolis	Cooper																																
Rimini ‖‖	Santee	1.85			.88		.12	.48						.78	2.63	.08	.61	.11	.10			.39	.30	1.08				.18	.35			9.94
Society Hill ‖‖	Due West	1.85	.38			.15	.13						1.61	.78	.22	.02	.95				2.50	.10					.25					8.94
Summerville	Ashley	.08	T.	.23	.35	.25	.50				.99	.02		.69	.39	.58	.40	.42		.45		.88	1.82	.02		.05	.05	.22	.15	.95			9.49
Yemassee ‖‖	Ashepoo				1.10		.31	.66				.61	.28	1.03	.03	1.16	.85	.58		.12		.94	1.92	.19	.07		.66		.56	.63	.96		12.66
Western Portion.																																	
Aiken	Edisto						.40	1.20				.51		.68			.61	.70				1.43						.13					5.66
Anderson	Savannah							.10		.12				.07	.90		.10	.05	.83		.20	.02	.10										2.49
Batesburg ‖‖	Edisto			.09				.92						.21		1.02			1.32			.31								.11			3.98
Blairs ‖‖	Broad			.83			.08	1.40						.24	.98	.04			.19	.93		1.60	.20			.03							6.55
Calhoun Falls ‖‖	Savannah			.57			T.	.02		.50		T.		.65	.50	.95	1.05		.25	.50	.06	.65	T.										5.70
Camden ‖‖	Wateree			1.35	.49		.20	.14	.96						2.12	.60			2.15			1.90	.10					.40			.06	10.38
Catawba ‖‖	Catawba			1.30							.20	.90	.35	.25		.10	1.75			.70		.90	.20										6.65
Chappells ‖‖	Saluda			.12			.15	.10						.65		1.73	.70		.33	.10	.05	.11	.15									.18	3.77
Clemson College	Savannah						.58		.17	T.			.03	.03	T.		.70	.83	.26	.20	.26	.14	.65		.65							.62	5.12
Columbia ***	Congaree	.16		.07	.02	.05	.77	.01					.82	.64	.21	.01		.58	T.		.85	11	.31					T.	.30		.73		5.64
Due West	Savannah		.09				.01	.04		.56		T.	.23	.43	.12	3.53		T	.16	.09	.16	T.	.68										6.10
Edgefield ‖‖	Savannah	.25					.75	.25						.70	1.32	.37	.82		.10			.77	.20										5.53
Gaston Shoals ‖‖	Broad				.12			.02	.05				T.	.53	.19	.09			.53		.05	.54		.02		.07							2.21
Greenville ***	Saluda		T.			T	T.			.11			.44	T	.08	.01	.02	1.66		T.	.56	.03	T.		.23	.01							3.15
Greenwood ‖‖	do							.46	.68					.95		.84	.58			.44		.33	.11										4.39
Heath Spring	Wateree				.60		.10	.41					1.30	.11	.60	.23	.24	.85	.23			1.00									.52		6.19
Kershaw ‖‖	Lynches				.29	.05			.30	.11			.07	.57	1.11	.57	.12	.65	1.42	.83		1.59										.56	8.24
Landrum	Broad					.51		.14					1.15	2.05	2.60	.31	1.76			.13	.51	.06			.04								9.26
Laurens ‖‖	Saluda								15	93				.16		.05	.18			.31		.82										.54	3.15
Liberty	Savannah	T.	T				T.	.25		T.		.25	1.70	.20	.02	.04	.02	.06	.65	.02	.90		.50		.42								5.03
Little Mountain	Saluda							.07	.40		.37			.80		.95	.76		1.67	.12		.33									1.25		7.72
Monetta	Edisto	.06	.66		.22	.02		.39	.02			.01		.15	.29	.96	.11	.12	.97	.05	T		.32	.17					1.16	.03			5.71
Newberry	Saluda			T.			T	1.12		T.	.25		.28							.05	.10	.80	.05		T.						1.00		3.65
Pelzer ‖‖	do			T.					T.		T.		T.	.48	2.30	.30	.02		.04	.02	.18	.10			.02	T.	.04						3.50
Saluda	do			.10			1.15						.35	.10	.20	.27		.12			.43	.15	.36							.85		4.08
Santuck	Broad			2.13			.04	.37		T.			.05	1.00	.25	.22	.49	.13	.62	T.	2.06												7.96
Spartanburg ‖‖	do	T.		.49			T.	T.		.15			.02	.10	.38	.22	.43		.13	.02	T.	1.30		.22								.03	3.40
Trenton	Edisto	T.		.31			1.25	.45					.91	T.	.71	.51	.50	.12		T.	.15	.18	.64	.12						T.	T.		6.85
Walhalla	Savannah						.05	.65		.18			.18			1.85	.33		.35	.40	.21	.06	.77		.26								5.29
Winnsboro ‖‖	Broad			.99			.31	.20	.06					1.53	.45	1.13	.12		1.40	.05		1.75						.04	T.		.07		8.10
Winthrop College	Catawba		1.45				.08	.04		.04			16	.30	.03		.13	1.50	.05	.06	2.00		.75		.75								7.34

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JULY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	82.0	110	60	7.49	14				
1888	78.9	108	53	3.68	8				sw.
1889	79.5	102	51	7.13	13				sw.
1890	78.4	104	52	6.88	12				sw.
1891	77.9	93	56	5.95					sw.
1892	78.9	102	51	7.44					sw.
1893	82.0	104	60	3.87	9	13	14	4	sw.
1894	77.7	100	55	8.24	16	8	12	11	sw.
1895	79.5	102	54	4.17	8	10	15	6	sw.
1896	80.7	105	51	8.17	13	10	13	8	sw.
1897	80.2	107	54	5.01	11	13	12	6	sw.
1898	80.0	102	54	7.81	14	10	10	11	sw.
1899	80.0	105	47	4.03	9	12	11	8	sw.
1900	81.2	104	55	4.08	9	14	11	6	sw.
1901	81.4	102	62	4.52	10	12	12	7	sw.
1902	80.8	107	58	3.79	9	15	11	5	sw.
1903	80.4	103	45	3.59	8	18	9	4	sw.
1904	79.4	105	50	5.96	12	13	12	6	sw.
1905	80.4	101	60	6.16	12	13	10	8	sw.
1906	78.4	100	56	8.40	16	5	17	9	sw.
1907	81.4	106	56	5.06	11	13	13	5	sw.
1908	79.8	100	60	5.43	12	12	13	6	s.
1909	78.6	104	55	4.92	10	13	12	6	sw.
1910	79.4	102	58	5.83	13	9	15	7	sw.
1911	79.8	102	53	3.79	10	12	13	6	sw.
1912	79.6	102	58	5.22	11	14	10	7	sw.
1913	81.9	109	56	4.78	9	15	9	7	sw.
1914	80.0	107	53	5.16	9	14	13	4	sw.
1915	80.9	106	55	3.26	8	18	10	3	sw.
1916	77.8	99	60	14.69	17	5	12	14	sw.
1917	79.9	102	52	6.56	12	14	9	8	sw.
1918	77.5	103	50	5.02	11	15	9	7	sw.
1919	79.3	103	51	8.86	13	13	8	10	s.
1920	78.9	102	53	5.60	11	13	10	8	sw.
1921	79.6	101	60	7.44	14	9	13	9	e.
Period	79.8	110	45	5.94	11	12	12	7	sw.

Daily Temperatures for July, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale§§	Maximum	92	90	89	90	91	89	88	92	93	96	92	93	90	90	88	88	90	90	90	89	80	81	83	87	83	84	84	86	88	91	97	88.8
	Minimum	71	70	71	71	71	72	74	71	73	75	70	71	70	73	72	73	74	73	70	74	69	69	68	67	69	68	67	68	70	70	74	70.9
Blackville	Maximum	....	96	94	....	....	....	....	....	96	98	98	98	98	90	90	87	92	89	83	81	....	78	80	83	87	88	84	88	90	99	....	[b]89.4
	Minimum	67	67	67	66	68	67	66	68	66	70	68	67	67	66	67	69	66	69	69	....	....	....	....	....	....	....	71	70	71	71	....	[b]68.4
Bowman	Maximum	93	92	92	91	90	90	91	90	92	99	94	92	91	90	89	88	88	87	89	89	89	77	85	87	86	87	86	83	89	98	99	89.8
	Minimum	68	69	67	68	70	70	68	67	68	69	70	71	71	70	70	69	70	67	70	71	68	67	66	65	65	66	67	68	70	71	70	68.7
Charleston	Maximum	93	90	84	86	88	84	86	87	92	92	90	89	85	83	88	84	87	86	90	92	82	83	84	85	84	83	79	83	85	87	91	86.5
	Minimum	76	78	75	73	76	74	79	77	78	73	74	71	72	71	73	74	75	76	77	77	72	71	71	75	74	74	74	75	75	77	77	74.6
Cheraw§§	Maximum	97	98	93	94	93	95	94	94	98	95	95	94	86	86	88	93	89	84	83	83	88	83	86	94	96	94	91	94	93	95	96	91.7
	Minimum	71	70	71	71	70	71	72	74	70	74	69	69	69	70	70	70	72	72	69	70	70	67	65	67	66	66	70	70	72	72	70	70.0
Conway	Maximum	92	91	84	87	88	87	90	94	94	95	92	89	86	82	82	90	85	89	91	90	84	77	87	87	87	87	84	88	88	89	95	88.1
	Minimum	70	74	74	73	73	70	74	71	74	73	73	70	69	72	72	72	74	74	73	72	71	70	68	68	69	69	70	71	71	72	75	71.6
Darlington§§	Maximum	94	95	88	91	89	89	88	92	94	95	94	92	88	86	84	90	87	88	86	85	82	79	80	90	91	90	85	92	86	90	93	88.8
	Minimum	70	77	69	77	72	70	71	70	74	73	74	69	68	69	72	72	70	72	71	75	70	69	67	66	68	68	69	70	69	72	73	70.8
Ferguson§§	Maximum	92	92	93	91	90	87	91	91	89	90	92	91	[a]89	86	84	88	90	88	88	88	83	77	85	87	88	87	88	88	87	92	97	88.6
	Minimum	71	71	74	74	72	73	72	69	73	71	73	70	69	71	72	72	70	71	72	75	71	70	72	74	78	80	71	67	70	70	70	71.9
Florence 1	Maximum	97	95	90	95	93	92	84	93	96	95	92	94	88	84	81	84	80	89	89	84	81	76	82	94	93	94	88	86	82	90	98	89.0
	Minimum	73	73	72	72	73	71	74	71	74	74	75	71	69	70	73	72	73	73	74	75	70	70	68	73	70	70	71	71	70	72	73	71.9
Garnett	Maximum	94	93	92	93	92	91	91	98	95	95	96	95	91	90	83	89	93	91	92	92	82	83	89	90	89	88	81	84	87	93	96	90.6
	Minimum	70	70	71	72	70	70	73	71	72	70	71	70	70	72	71	72	73	72	70	74	71	68	70	68	70	71	72	71	70	71	73	70.9
Georgetown	Maximum	93	93	88	90	90	90	90	92	95	91	95	99	87	80	81	86	85	85	90	91	88	93	86	90	89	87	83	87	90	90	97	89.4
	Minimum	69	74	73	72	71	70	74	70	74	71	69	70	69	70	70	71	71	72	72	75	70	69	67	69	70	70	72	72	71	72	74	71.1
Kingstree	Maximum	96	98	....	....	....	94	91	96	95	95	98	96	89	84	85	83	83	95	92	90	85	77	88	92	88	89	87	90	89	95	97	[c]90.6
	Minimum	70	71	....	....	....	71	73	70	74	76	72	70	72	71	72	72	72	72	72	75	71	70	69	68	69	70	70	71	70	72	74	[c]71.4
Orangeburg 1	Maximum	93	92	87	89	87	86	88	91	93	93	93	92	90	89	84	88	90	89	89	88	84	79	81	88	87	87	82	88	88	92	96	88.5
	Minimum	70	69	73	74	72	71	72	69	72	73	71	70	69	69	71	72	71	72	71	73	70	70	69	67	68	70	71	71	69	71	72	70.7
Paris Island§§	Maximum	96	95	92	94	92	91	91	92	98	100	93	95	92	89	92	92	91	89	93	96	88	89	87	92	89	89	83	86	90	96	98	91.9
	Minimum	74	74	74	73	71	71	75	76	76	76	72	73	74	77	74	73	71	75	74	75	71	71	70	72	72	79	74	73	70	72	74	73.4
Society Hill§§	Maximum	94	93	87	91	88	88	88	90	93	93	93	93	88	86	81	90	85	87	88	83	83	78	80	83	90	90	86	89	88	93	97	88.3
	Minimum	72	70	72	74	72	72	74	74	74	75	73	69	69	70	72	70	72	74	73	70	70	66	66	66	67	68	70	69	70	74	72	70.9
Summerville	Maximum	93	94	89	92	91	88	90	93	95	94	93	92	88	84	82	83	88	88	89	89	82	76	87	90	86	88	79	86	86	94	94	88.5
	Minimum	71	72	73	72	71	72	73	70	73	71	70	70	70	68	72	71	72	71	71	74	70	70	70	68	70	71	71	70	71	71	73	71.0
Yemassee	Maximum	94	92	87	91	93	87	89	91	94	93	93	93	89	89	82	85	89	88	89	91	84	79	89	89	86	88	80	86	86	93	96	89.9
	Minimum	70	70	72	70	69	71	72	70	71	71	68	68	69	71	71	71	70	70	69	71	69	69	69	66	69	69	71	70	70	69	72	69.9
Western Portion.																																	
Aiken	Maximum	92	93	92	93	92	91	91	90	93	94	92	86	94	....	....	87	83	86	86	86	80	80	80	89	89	89	88	88	89	93	96	89.4
	Minimum	68	71	70	71	70	70	70	69	73	74	70	70	69	61	60	63	60	62	63	73	70	68	69	68	69	69	69	71	69	73	71	68.5
Anderson	Maximum	93	92	90	88	89	86	77	92	92	92	92	91	87	82	83	86	86	81	83	82	82	78	86	87	88	86	86	90	86	90	98	87.6
	Minimum	76	72	71	71	75	72	73	72	72	70	72	69	69	69	72	69	71	73	72	71	70	67	66	69	68	69	69	69	70	72	70	70.6
Batesburg	Maximum	91	96	96	90	90	90	87	89	92	92	95	85	85	86	83	85	81	85	86	83	85	80	79	89	86	86	84	85	87	94	96	87.7
	Minimum	71	65	69	71	70	76	75	70	72	70	70	68	70	70	68	71	70	69	70	70	67	65	63	65	69	70	68	70	68	75	75	69.7
Calhoun Falls§§	Maximum	98	98	93	95	96	89	87	98	97	95	96	96	88	86	87	86	88	83	86	85	84	82	84	90	92	92	91	94	94	101	99	91.3
	Minimum	69	69	67	68	70	70	69	68	68	68	69	66	66	67	68	68	70	69	69	69	67	67	67	65	66	67	66	66	67	69	69	67.8
Camden§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clemson College	Maximum	93	95	93	94	94	91	88	90	92	93	91	91	89	86	88	84	85	86	86	84	86	85	85	87	88	87	88	89	90	89	83	88.1
	Minimum	66	69	69	68	70	72	72	70	69	67	69	67	68	68	70	70	70	69	72	72	68	66	65	65	65	67	67	67	79	70	69	[c]68.5
Columbia	Maximum	95	91	87	91	89	81	90	92	94	94	95	92	86	85	84	89	88	87	87	85	84	80	81	90	90	88	87	84	89	92	96	88.5
	Minimum	73	74	71	73	72	71	72	72	73	74	73	70	70	70	71	73	71	70	72	71	71	69	70	70	68	70	70	71	70	73	73	71.3
Due West	Maximum	94	94	92	92	94	86	83	90	95	91	92	94	85	85	83	85	85	83	83	84	83	81	86	87	89	88	88	90	90	94	97	88.3
	Minimum	71	71	70	70	74	71	70	69	71	71	71	71	68	69	70	70	70	73	70	72	71	70	68	65	67	68	69	67	68	69	72	69.8
Greenville	Maximum	93	93	91	92	91	87	85	89	92	88	92	89	82	83	85	87	83	83	84	79	83	82	81	86	89	90	89	89	89	91	96	87.5
	Minimum	70	73	70	70	75	72	71	69	72	68	69	67	68	69	70	69	70	71	72	68	68	70	65	69	67	68	67	70	70	71	72	69.7
Greenwood	Maximum	93	91	92	90	90	85	85	87	90	90	91	90	85	83	80	85	83	84	83	83	81	80	79	86	86	87	85	87	89	93	95	86.7
	Minimum	70	71	68	70	71	69	69	69	71	71	71	68	67	69	69	70	70	70	71	72	69	69	65	65	67	68	66	68	69	72	70	69.2
Heath Spring	Maximum	92	94	93	93	91	87	84	89	93	93	94	92	89	85	82	87	85	84	83	80	80	79	79	85	87	88	84	88	88	89	92	87.4
	Minimum	72	70	71	69	71	69	70	72	73	71	70	68	68	69	68	73	71	70	71	70	70	69	69	69	66	65	66	66	70	70	72	69.7
Kershaw	Maximum	96	97	90	92	91	89	86	90	95	93	95	91	86	85	84	92	85	87	90	82	85	79	82	89	89	91	88	89	90	92	92	89.1
	Minimum	72	70	70	72	71	70	71	71	73	71	74	69	68	69	69	72	70	70	72	69	69	69	66	65	66	66	67	70	70	72	72	69.8
Landrum	Maximum	97	92	95	93	93	85	86	93	94	91	96	89	80	84	86	88	85	87	85	77	85	83	84	87	90	90	92	91	91	91	97	88.9
	Minimum	69	68	65	71	67	70	70	66	68	70	67	68	67	66	67	67	69	69	72	71	66	68	63	65	64	64	63	65	69	70	72	67.6
Laurens§§	Maximum	94	95	91	93	93	87	84	89	93	93	92	92	96	86	86	86	88	85	85	84	87	87	82	82	89	89	90	87	90	92	91	93	89.2
	Minimum	70	71	71	71	72	72	73	69	69	70	70	67	68	69	71	71	73	72	72	73	70	69	65	65	67	65	65	71	68	71	70	69.7
Liberty	Maximum	94	94	92	94	93	89	85	95	94	91	95	88	85	86	85	87	88	87	86	81	84	79	77	87	86	91	81	89	91	92	96	88.2
	Minimum	67	70	69	68	73	73	73	70	71	67	67	68	70	70	71	69	70	70	73	73	68	67	65	69	66	68	67	71	71	71	69	69.5
Little Mountain	Maximum	95	95	95	95	93	90	86	91	91	93	93	92	81	82	81	86	85	85	84	83	87	85	86	87	88	89	87	88	89	93	93	88.6
	Minimum	70	70	69	69	73	70	69	71	71	71	71	70	68	68	68	72	71	70	70	70	69	68	66	68	68	68	68	68	69	73	71	69.7
Monetta	Maximum	94	94	87	90	91	85	86	92	94	94	94	96	85	86	83	89	86	87	88	86	86	80	81	93	90	91	86	86	90	94	96	89.0
	Minimum	70	69	70	71	73	70	71	69	71	70	71	70	68	69	70	72	72	70	70	73	70	69	68	67	68	69	68	70	69	72	71	[c]70.0
Newberry	Maximum	....	....	96	96	....	87	90	94	97	....	97	97	89	88	86	84	87	87	87	88	86	87	84	....	92	92	....	....	....	....	....	....
	Minimum	71	70	69	72	71	70	71	69	72	72	67	69	68	70	70	70	72	70	70	72	72	72	66	66	67	68	67	70	69	73	79	70.1
Saluda	Maximum	94	93	91	92	95	85	85	91	95	95	94	93	84	85	85	94	85	88	89	89	85	82	82	89	89	90	88	91	92	95	100	89.8
	Minimum	70	70	69	70	68	68	70	67	71	70	71	67	67	70	70	74	73	69	70	72	70	69	66	65	65	66	65	68	69	66	69	68.8
Santuck	Maximum	98	99	89	90	91	89	84	90	95	94	94	96	87	85	85	89	86	90	86	84	83	81	90	90	91	88	91	93	96	98	90.0
	Minimum	70	69	66	69	70	69	68	68	72	68	71	66	67	70	71	70	71	70	72	68	69	69	64	69	65	65	64	67	66	72	70	68.5
Spartanburg	Maximum	96	94	91	94	94	90	88	93	97	92	95	93	85	86	89	89	89	84	88	87	82	86	84	84	86	90	90	91	92	93	95	97	90.2
	Minimum	69	70	67	68	72	70	70	69	70	68	69	67	68	68	70	67	69	70	72	67	67	67	62	66	63	66	67	68	69	71	71	68.3
Trenton	Maximum	95	94	91	91	94	84	86	90	92	94	94	91	90	85	82	86	86	86	85	84	82	80	80	89	89	90	86	88	91	94	96	88.5
	Minimum	71	72	69	71	72	70	71	70	71	74	71	68	68	70	70	73	72	72	71	70	70	68	68	67	68	68	68	70	68	72	71	70.1
Walhalla	Maximum	94	95	94	96	96	89	85	91	92	92	93	93	85	85	87	87	87	85	85	80	84	82	82	87	88	89	89	91	88	92	97	89.0
	Minimum	63	63	67	65	70	71	70	70	67	65	65	65	67	69	67	68	70	71	72	67	67	67	64	66	64	64	65	67	66	68	66	66.9
Winnsboro§§	Maximum	96	95	89	91	92	86	86	90	94	94	94	94	85	85	85	90	86	87	85	85	85	82	84	89	89	89	89	89	91	93	95	89.2
	Minimum	71	70	69	71	72	70	71	71	71	71	72	69	67	69	69	70	72	70	71	72	68	69	65	65	66	67	67	70	70	71	72	69.6
Winthrop College	Maximum	96	90	92	94	92	90	86	91	93	95	95	91	90	87	86	92	87	89	85	81	87	85	90	88	90	92	90	91	92	95	98	90.3
	Minimum	72	68	69	69	71	70	70	70	72	69	72	68	69	69	70	70	70	69	72	69	67	66	63	64	68	70	69	71	70	71	73	69.4

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1.05
15C

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., AUGUST, 1921. No. 8.

GENERAL SUMMARY.

Thermal conditions were close to the seasonal average, but precipitation, on the whole, was much below normal and badly distributed.

The distribution of rainfall was reflected in the crop situation. On the whole, intermediate corn, sweet potatoes, and minor crops maintained good to excellent condition, and haying progressed favorably, with good yields of forage; but late corn was generally unsatisfactory on account of unseasonably wet or dry and hot weather at critical periods. White potatoes were generally good up-State, but rather poor elsewhere. The tobacco season closed about the middle of the month. Cotton plant growth was generally vigorous, but fruitage was poor to very poor on account of weevil depredations everywhere except the northern counties, and some deterioration resulted from shedding and premature opening incident to hot, dry weather toward the close of the month; the first bale of the season was ginned in Barnwell County on the 17th, and picking was general at the end of the month.

PRESSURE.

The monthly mean for the Section, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.10 inches. The highest pressure was 30.30 inches at Columbia and at Savannah, Ga., on the 12th; the lowest pressure was 29.86 inches at Wilmington, N. C., on the 18th, and in the Section proper, 29.87 inches at Columbia on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 78.2°, or 0.6° below the normal. The highest temperature was 102° at Blackville on the 1st and 2d and at Calhoun Falls and Santuck on the 1st. The warmest periods were from the 1st to 3d, from the 18th to 21st, and on the 30th and 31st. The lowest temperature was 56° at Landrum on the 25th, at Bowman on the 26th, and at Heath Spring on the 28th. The coolest periods were on the 4th and 5th, on the 15th and 16th, and from the 23d to the 28th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 84%; noon, 62%; 8 p. m., 76%. The highest percentages occurred along the coast and over the extreme northwestern counties, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 4.14 inches, or 1.94 inches below the normal. Showers were frequent, with but two days without rain in some part of the Section; superabundant amounts were recorded in sections of the middle coastal plain, with 7 to over 10 inches; in other portions of the coastal plain and in practically the entire central and northern counties the measurements ranged downward from 4 to less than 2 inches. The greatest local monthly amount was 10.03 inches at Georgetown; least local monthly amount, 1.21 inches at Camden. The greatest 24-hour rainfall at any station was 3.60 inches at Georgetown on the 9th. The number of rainy days was normal.

A small tornado occurred near Ashley Junction, about 7 miles north-northwest of Charleston, at 10:45 a. m., August 10, 1921, moving northward in a narrow path about one-half mile long and causing damage estimated at about $1,200, but with no loss of life.

Death by Lightning.—Michael Monts, a well known colored man of the O'Neal Section, near Newberry, during the afternoon of August 21, 1921.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 6.6 miles. The highest average was 9.2 miles per hour at Savannah, Ga., and in the Section proper, 9.0 miles per hour at Charleston; the lowest average was 3.9 miles per hour at Charlotte, N. C., and in the Section proper, 5.7 miles per hour at Columbia. The highest velocity for any 5-minute period was 41 miles per hour from the northwest at Due West on the 21st.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 256.0 hours, or 62% of the possible amount. The average number of clear days was 14; partly cloudy, 10, and cloudy, 7, as against normals of 13, 11, and 7 days, respectively.

RIVER CONDITIONS.

On account of the generally dry weather up-State, all rivers were uniformly low during the month. Late reports of July freshet conditions in the Santee River indicate that $10,000 worth of movable property was saved by flood warnings, with no material losses.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 14. *Solar:* Due West, 3, 12, 13, 14.

Fog, Dense.—Calhoun Falls, 29; Charleston, 20, 31; Columbia, 28, 29; Due West, 11, 16.

MISCELLANEOUS DATA FOR AUGUST, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.12	70.6	92	54	2.86	0.60	6.0	se.	89	63	77	61
Augusta, Ga.	30.09	79.8	98	64	2.01	0.48	4.4	s.	84	61	76	68
Charleston, S. C.	30.09	80.8	96	65	5.70	3.28	9.0	s.	82	64	80	69
Charlotte, N. C.	30.09	76.1	98	58	2.78	0.71	3.9	sw.	79	59	69	54
Columbia, S. C.	30.10	78.5	97	61	3.62	1.48	5.7	ne.	85	59	70	66
Due West, S. C.	30.12	76.8	100	60	6.42	1.53	6.8	ne.	85	63	....	50
Greenville, S. C.	30.08	75.2	96	61	3.77	1.37	7.2	ne.	85	64	76	58
Savannah, Ga.	30.09	80.3	97	63	8.88	4.27	9.2	sw.	86	63	80	59
Wilmington, N. C.	30.09	77.6	94	58	3.50	1.75	7.2	sw.	85	64	81	70
Means and extremes	30.10	77.3	100	54	4.39	4.27	6.6	ne. sw.	84	62	76	62

Climatological Data for August, 1921.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	79.1	−1.4	102	† 1	59	26	34	4.55	−1.22	1.00	0	11	8	11	12	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	78.6	−0.8	99	1	56	26	32	6.02	+0.10	1.73	0	13	11	18	2	w.	B. O. Evans.
Charleston	Charleston	48	50	80.8	+0.5	96	18	65	27	22	5.70	−1.26	3.28	0	13	12	12	7	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	78.6	+0.3	100	1	58	†24	32	2.16	−4.61	0.55	0	6	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	79.2	−0.1	99	1	58	26	27	3.32	−3.74	0.78	0	10	12	0	19	ne.	Paul Quattlebaum.
Darlington	Darlington	175	26	c77.9	−0.9	c97	1	b58	†25	c28	2.41	−2.54	1.55	0	6	12	7	12	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	4.15	−2.26	1.80	0	9	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	78.8	+0.6	96	4	59	26	27	8.14	+0.81	2.80	0	11	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	79.2	−1.0	99	1	60	†26	34	2.33	−3.17	0.71	0	12	16	12	3	sw.	H. K. Gilbert.
Florence 2	....do	136	6	.....	.....	.....	.....	.....	.....	.....	3.10	−3.40	0.80	0	6	13	9	9	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	80.4	.....	99	1	59	26	30	5.65	.....	1.68	0	14	9	18	4	sw.	Maner B. Robert.
Georgetown	Georgetown	12	29	80.4	+0.3	100	21	59	26	29	10.03	+2.99	3.60	0	7	11	17	2	n.	A. P. Hazard.
Kingstree	Williamsburg	54	40	80.4	+1.0	101	1	59	26	26	4.62	−1.88	2.75	0	9	24	0	7	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	5	78.6	.....	97	1	58	26	27	3.45	.....	1.04	0	15	10	14	7	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	1	.....	.....	.....	.....	.....	.....	.....	3.69	.....	0.72	0	9	15	12	4	sw.	State A. and M. College.
Paris Island	Beaufort	13	37	82.4	+1.6	99	1	60	24	32	3.80	−3.36	1.10	0	6	6	17	8	sw.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	77.7	−0.2	92	1	65	26	.....	5.03	−2.06	2.00	0	7	19	0	12	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	4.66	.....	1.20	0	8	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	a78.0	−0.4	a99	1	59	†24	a30	8.25	−2.20	1.87	0	12	22	2	7	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	80.0	+0.7	97	1	60	26	27	7.31	−0.71	3.72	0	15	18	11	2	w.	E. P. Lawton.
Yemassee	Hampton	24	33	79.7	−0.4	98	† 1	59	26	28	3.15	−3.54	1.43	0	9	20	0	11	ne	W. C. Hutson.
Division means and extremes		.....	.....	79.5	0.0	102	† 1	56	26	34	4.83	−1.61	3.60	0	10	14	10	7	ne.	
Western Portion.																				
Aiken	Aiken	527	60	79.2	+0.6	98	1	62	26	26	4.97	−0.66	1.03	0	13	18	2	11	n.	Frank B. McCoy.
Anderson	Anderson	764	26	77.6	−1.0	98	1	61	27	27	2.32	−3.82	0.84	0	8	20	0	11	w.	H. H. Russell.
Batesburg	Lexington	656	38	78.4	−0.3	99	1	60	26	28	5.03	−0.99	1.48	0	9	15	10	6	w.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	2.82	−1.81	1.46	0	5	..	.....	..	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	77.5	.....	102	1	59	†27	33	3.82	−1.04	1.60	0	7	13	8	10	e.	L. M. Parker.
Camden	Kershaw	222	74	.....	.....	.....	.....	.....	.....	.....	1.21	−4.22	0.34	0	6	25	0	6	sw.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	4.10	−1.27	1.25	0	10	..	..	..	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	3.28	−2.22	1.25	0	9	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	76.4	−1.3	97	1	60	27	29	6.24	+0.77	2.80	0	11	6	13	12	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	79.5	−1.0	97	1	61	26	23	3.62	−3.16	1.48	0	11	9	15	7	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	....	76.8	.....	100	1	60	27	29	6.42	.....	1.53	0	11	8	9	14	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	7	.....	.....	.....	.....	.....	.....	.....	2.95	.....	0.75	0	11	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	3.06	−2.40	0.44	0	12	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	75.2	−0.3	96	1	61	27	22	3.77	−2.31	1.37	0	15	9	13	9	nw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	76.4	−2.3	98	1	60	27	26	4.79	−0.55	1.24	0	11	15	0	16	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	76.9	−2.5	97	31	56	28	29	1.46	−4.89	0.48	0	5	9	10	12	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	5	77.7	.....	99	31	58	†26	30	1.54	.....	0.38	0	9	17	3	11	w.	John W. Hamel.
Landrum	Spartanburg	1063	6	76.0	.....	97	1	56	25	29	5.79	.....	2.30	0	11	11	13	7	ne.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	3	76.2	.....	94	1	60	26	26	3.38	.....	1.02	0	12	8	16	7	.....	Perry A. Simpson.
Liberty	Pickens	900	22	76.2	−1.9	96	† 1	61	27	29	2.29	−4.47	0.45	0	13	10	15	6	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	77.7	−1.7	98	21	60	†25	27	1.57	−3.73	0.50	0	6	19	4	8	ne.	J. M. Sease, M. D.
Monetta	Saluda	400	14	78.4	−0.4	99	21	60	26	30	4.78	−0.18	1.86	0	15	6	21	4	ne.	Joseph M. Johnson.
Newberry	Newberry	502	18	k78.6	−0.8	k101	21	c60	†26	k30	3.38	−2.06	0.97	0	8	12	12	6	sw.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	2.60	−1.80	0.72	0	11	..	...	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	77.8	−1.6	100	1	58	27	28	3.36	−2.51	0.96	0	8	23	6	2	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	77.4	−1.1	102	1	58	27	33	3.40	−2.42	1.22	0	8	12	13	6	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	76.6	−0.9	99	1	58	27	29	4.50	−1.26	1.08	0	11	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	a78.0	−1.6	a97	1	a61	†26	c26	3.40	−3.08	1.37	0	5	15	10	6	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	75.3	−1.2	97	1	58	28	32	7.08	+1.06	2.32	0	13	11	12	8	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	31	c77.8	−0.3	c98	18	b59	†26	c30	2.39	−3.27	1.60	0	9	17	10	4	.....	Rev. Oliver Johnson
Winthrop College ††	York	690	22	78.2	−0.4	100	† 1	57	28	28	4.34	−1.47	2.50	0	11	13	7	11	s.	W. P. Goodman.
Division means and extremes		.....	....	77.3	−1.2	102	1	56	†25	33	3.67	−1.94	2.80	0	10	13	10	8	ne.	
Section means and extremes		.....	....	78.2	−0.6	102	† 1	56	†25	34	4.14	−1.94	3.60	0	10	14	10	7	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for August, 1921.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah																																
Blackville ||||	Edisto					1.00	.15			1.00		.15	.20			.10	1.00		.40						.15	.20					.20		4.55
Bowman	do				.13	T.	.85		.35	.15	.40	.08	T.	.15	.30	1.73	.30	.70							.78			T.	T.	.10			6.02
Charleston ***	Coast		.04		3.11	.17	.59		T.	.30	.19	.14			T.	.52	.04		.18				.34		T.		T.	.06	.02				5.70
Cheraw ||||	Pee Dee				.55	.21	.25								.55	.15														.45			2.16
Conway ||||	Waccamaw					.72	.10			.67			.11			.19	.53			.03			.08					.11	.78	T.			3.32
Darlington ||||	Pee Dee				.11		1.55								.15		.12							T.	.03			.45				2.41
Effingham ||||	Lynches				.32	.14				1.80	.17				.46	.26	.52			T.				.06	T.			.42				4.15
Ferguson ||||	Santee						.54	.37		1.08	.56	T	.69	.67	.51	.41	2.80	T.						.25					.26			8.14
Florence 1 ||||	Pee Dee				T.	.65	.26			.08	.63	.11			.09	.04	.71	.03						.05				.18	.10			2.33
Florence 2 ||||	do						.55			.20	.70			.15			.80											.70			3.10
Garnett	Savannah				.88	T.	1.68		.55		.02	.33	.08	.11	.01	T	.75	.60					T.		.10			.03	.48	.03		5.65
Georgetown	Coast		.75		.50	.70	1.10			3.60	T	T.				1.65							T.					1.73				10.03
Kingstree ||||	Black				T.	.09	.08			2.75		.27	.27		.30		.10			.36				T				.40				4.62
Orangeburg 1	Edisto				T.	1.04	.02	.09		.05		.23	.02		.34	.06	.85	.04					.10		.21	.27		.02		.11		3.45
Orangeburg 2	do				.72		.14				.30			.63	.16	.11		.50							.55					.64			3.69
Paris Island	Coast				.50	.60				.60		.40				.60																1.10	3.80
Pinopolis	Cooper			.50	2.00				1.20	.20					.45	.33								.35								5.03
Rimini ||||	Santee					1.20									.60	.30	1.00	.08		1.02						.25			.21			4.66
Society Hill ||||	Due West			1.77	1.87	.98			1.25		.15			1.30	.11	.19							.02			.16	.31	.14				8.25
Summerville	Ashley				3.72	.02	.68		.02	.15		.09	.02	.08		1.45	.02	.23		.43		.02	.21					.17				7.31
Yemassee ||||	Ashepoo					1.43	.21		.12	.29			.07			.05	.15	.32								.51			T.			3.15
Western Portion.																																	
Aiken	Edisto			.61	.39	.59	.11		.09						.25	1.03	.31	.15					.51		.37			.32	.24			4.37
Anderson	Savannah							.37	.68	.84		.23		.10			.05								.60	.05							2.32
Batesburg ||||	Edisto				.25	1.48			.07						1.04		1.12	.14					.12			.43			.37			5.03
Blairs ||||	Broad								.19		1.46						.09								.98				.10			2.82
Calhoun Falls ||||	Savannah				1.60	T.			.25								1.06	.30					.15		.30	.16			T.			3.82
Camden ||||	Wateree					.30	.20								.34										.12	.15			.10			1.21
Catawba ||||	Catawba				1.00	.10	1.25		.40						.40	.25	.20	.12							.10				.28			4.10
Chappells ||||	Saluda				.15	1.25	.05			.50				.70	.25		.10								.15	.13							3.28
Clemson College	Savannah				.01	.50		.13	T				.89	.63	.52	.25	.23						.16		.12	2.80							6.24
Columbia ***	Congaree			.07	1.48	T.		T.	T	T.					.66	T.	.02	.31	.01	T.			.22		.67	.01		T.	.15	.02			3.62
Due West	Savannah			T.	.33	.02		.28	1.50		T.	.01	.01	.19		1.18	T.	T.				1.34		T.	1.53			.03	T.			6.42
Edgefield ||||	Savannah				.20		.15		.05			.05			.30		.75	.60				.20		.20	.15					.30		2.95
Gaston Shoals ||||	Broad				.25	.22	.67		.44				.04	.40	.15	.22	.31	.07							.21				.08			3.06
Greenville ***	Saluda			.01	.68	.69		.26	T.			.87	.30	.04		.15	.28	.01				T.	.14	.31	.01			.01	T.		.01	3.77
Greenwood ||||	do				.86	.34			.05	.26				.23			.22	.63				1.20		1.24	.09					.27		4.79
Heath Spring	Wateree			.40		.48								.29			.12								.17							1.46
Kershaw ||||	Lynches				.06	.15	.38								.18	.13	.23								.14	.16			.11			1.54
Landrum	Broad					.65		.29				.13	.07	.15	1.41	.16	.31					2.30		.11	21							5.79
Laurens ||||	Saluda			.50			.15		.64		.25	.22	1.02	.16						.02				.33				.10	.03			3.38
Liberty	Savannah			.02	.24	.36		.15	T			.35	.24	.02	.10	.01	.10	T.				.10		.15	.45			T.				2.29
Little Mountain	Saluda				.25	.06				.50				.30	.11							T.			.35			T.				1.57
Monetta	Edisto			.15	1.00	.01	.05		.01			.10		.01		1.86	.02	.51				.25	.02		.44				.23	.12			4.78
Newberry	Saluda			.97	.35	.75				.57				.34		.13									.10			.17				3.38
Pelzer ||||	do				T.	.02			.10				.68	.12			.12	.04				.70	.04	.72	.04			.02				2.60
Saluda	do			.15	.45	.94	.10							.12								.90			.60				.10			3.36
Santuck	Broad				.01	.58		T.		T.	T.	.18		1.22		.07	.15								1.08			.11				3.40
Spartanburg ||||	do				T.	.83	1.08		.28	.04				.50	.07	.60	.38	.02	T.				T.	.52	T.		T.	.18				4.50
Trenton	Edisto			.18	T.	T.							T.	1.37		1.05		.35		T.		T.	F.	.45								3.40
Walhalla	Savannah			T	.05	2.32		.45	.36		.05		2.00	.46	.50	.40	.19					.28	T.	T.	.05		.03	T.				7.08
Winnsboro ||||	Broad						.02		.04	.25		.17					.05								1.60	.01		.07	.18			2.39
Winthrop College	Catawba			.47	.03	2.50			.16			.06		.23		.08	.21	.01							.32			.27				4.34

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.8	101	49	6.54	11				
1888	77.8	102	50	4.53	10				sw.
1889	74.4	97	45	6.37	12				se.
1890	77.1	96	51	4.25	9				s.
1891	78.9	98	55	8.79					sw.
1892	79.5	96	59	4.42					sw.
1893	77.5	97	57	12.45	13	10	9	12	ne.
1894	77.9	102	55	7.28	11	10	13	8	sw.
1895	79.4	101	55	7.95	13	9	14	8	sw.
1896	80.4	105	52	4.14	7	14	12	5	sw.
1897	78.0	102	57	5.16	9	13	9	9	sw.
1898	78.7	99	57	9.81	18	8	11	12	sw.
1899	81.2	103	59	6.26	10	12	11	8	sw.
1900	83.0	106	60	2.13	5	21	9	1	sw.
1901	78.6	97	57	9.01	15	7	14	10	s.
1902	78.6	104	55	5.07	12	14	10	7	sw.
1903	80.6	105	60	7.15	12	15	9	7	sw.
1904	77.6	102	54	8.47	14	12	9	10	sw.
1905	77.9	107	46	5.69	11	15	8	8	sw.
1906	80.6	100	60	6.62	15	7	17	7	sw.
1907	79.4	101	54	5.41	9	13	13	5	sw.
1908	78.6	100	49	9.11	10	12	11	8	s.
1909	78.8	104	53	4.83	8	15	12	4	ne.
1910	79.0	101	60	6.00	10	11	12	8	ne.
1911	80.0	104	51	6.05	12	10	15	6	sw.
1912	79.2	104	54	3.69	9	16	8	7	sw.
1913	78.9	109	56	3.76	9	15	9	7	sw.
1914	79.0	101	56	5.88	13	9	15	7	sw.
1915	78.8	102	52	7.62	14	11	11	9	sw.
1916	79.6	100	58	3.27	8	16	10	5	sw.
1917	78.5	102	49	3.23	8	15	10	6	sw.
1918	80.2	106	52	4.45	7	20	7	4	sw.
1919	78.5	103	53	5.08	9	14	11	6	sw.
1920	77.7	100	56	8.08	14	8	12	11	sw.
1921	78.2	102	56	4.14	10	14	10	7	ne.
Period	78.8	109	45	6.08	10	13	11	7	sw.

Daily Temperatures for August, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum																																
Blackville	Maximum	102	102	93	88	91	89	90	91	93	90	80	88	92	93	92	89	87	90	90	94	94	98	87	87	76	73	84	82	84	93	93	89.5
	Minimum	68	75	75	71	69	70	70	71	71	70	69	69	71	71	70	70	70	70	70	70	70	70	66	67	65	59	60	62	64	67	71	68.7
Bowman	Maximum	99	98	92	90	88	89	90	92	91	88	89	90	90	91	89	88	87	95	96	97	98	96	95	88	81	80	78	87	90	93	96	90.7
	Minimum	73	73	72	70	68	68	67	67	68	68	67	65	68	68	70	68	67	67	66	66	67	68	65	63	61	56	60	60	62	65	68	66.5
Charleston	Maximum	94	90	92	91	84	85	89	88	88	85	86	87	88	91	94	84	92	96	91	88	95	81	80	79	83	81	75	84	86	84	93	87.2
	Minimum	80	80	81	69	71	74	75	77	72	74	76	78	77	77	74	74	75	76	73	76	78	74	74	72	68	66	65	71	76	77	75	74.4
Cheraw §§§	Maximum	100	95	93	86	81	88	91	90	88	92	92	92	88	89	74	78	93	97	95	95	93	93	83	83	90	90	91	85	95	96	99	90.2
	Minimum	75	71	70	61	66	69	70	67	65	67	68	70	70	71	63	67	72	65	68	68	69	62	66	58	58	58	63	65	70	71	71	66.9
Conway	Maximum	99	93	95	89	83	85	92	90	86	83	86	89	90	93	81	81	90	95	93	94	97	87	85	82	83	85	77	86	90	94	95	88.6
	Minimum	75	76	77	74	69	72	69	76	72	70	69	69	70	72	69	65	72	72	69	71	73	70	63	68	60	58	61	69	69	70	73	69.7
Darlington §§§	Maximum	97	94	92	81	75	87	90	91	88	90	86	90	91	90	....	78	89	96	92	94	96	88	84	72	83	83	82	85	92	.....	.....	[c]87.7
	Minimum	74	75	77	74	67	67	69	72	70	68	69	70	72	70	....	64	64	72	68	69	70	69	64	66	58	58	59	66	67	70	....	[b]68.1
Ferguson §§§	Maximum	95	94	92	96	85	83	80	90	81	87	87	90	89	91	88	90	90	92	94	95	95	82	77	79	81	86	80	85	89	93	94	88.1
	Minimum	70	78	78	76	70	70	70	75	71	71	67	67	67	69	70	68	69	73	68	73	72	70	67	62	68	59	61	65	69	68	69	69.4
Florence 1	Maximum	99	96	92	83	79	85	92	95	84	88	91	94	91	94	76	79	89	96	92	98	98	88	84	80	83	83	84	80	95	95	97	89.0
	Minimum	75	76	77	75	69	68	70	74	71	70	70	70	71	71	71	65	71	73	70	71	72	70	65	67	61	60	60	61	62	72	74	69.4
Garnett	Maximum	99	97	96	92	79	89	91	93	90	92	90	91	92	93	93	92	93	95	95	97	98	89	89	77	86	83	78	88	92	91	96	90.9
	Minimum	72	75	75	72	71	70	70	72	71	74	68	69	71	70	71	72	70	72	73	70	70	75	71	65	67	59	62	68	62	69	71	69.9
Georgetown	Maximum	98	93	94	90	85	86	91	93	88	80	91	90	90	94	90	92	91	98	96	94	100	96	85	83	85	88	80	86	92	93	95	90.5
	Minimum	73	74	77	75	70	72	69	75	72	70	68	70	71	72	69	67	71	73	70	72	74	73	67	68	60	59	61	70	70	71	72	70.2
Kingstree	Maximum	101	99	98	91	85	85	95	94	83	86	89	95	95	95	84	89	91	97	93	95	97	91	82	77	82	81	77	91	95	96	97	90.5
	Minimum	75	76	77	74	71	72	72	73	71	70	69	70	71	71	70	67	72	73	70	73	73	72	72	68	62	59	61	68	69	70	71	70.4
Orangeburg 1	Maximum	97	95	95	92	84	86	90	92	88	88	89	86	91	92	92	89	85	90	94	92	94	95	87	83	81	79	79	82	88	93	94	88.7
	Minimum	72	74	74	68	70	71	69	70	72	72	70	69	67	70	69	71	69	69	69	70	67	70	73	65	63	58	62	69	65	67	69	68.6
Paris Island §§§	Maximum	99	95	95	96	96	92	95	96	91	88	92	93	94	96	98	93	94	97	94	99	98	87	84	92	95	81	82	89	91	91	94	92.8
	Minimum	76	79	79	74	72	72	73	75	72	73	69	70	75	75	69	74	73	73	72	75	76	76	63	60	70	65	64	69	74	75	72	72.1
Society Hill §§§	Maximum	99	98	91	80	73	88	90	90	85	88	90	91	93	88	76	75	89	96	91	96	94	85	79	78	82	82	....	84	93	93	96	[a]87.9
	Minimum	74	77	71	65	68	68	72	70	67	69	69	72	68	72	63	66	72	66	68	70	69	65	65	59	59	59	63	68	69	73	72	68.0
Summerville	Maximum	97	95	95	95	87	88	92	90	89	85	88	91	95	92	93	86	89	95	93	93	96	81	85	79	84	81	76	88	93	92	96	89.7
	Minimum	75	75	76	71	70	72	69	73	71	70	68	68	70	70	68	71	71	73	70	73	74	74	68	66	65	60	61	71	69	72	73	70.2
Yemassee	Maximum	98	94	95	93	87	90	92	92	90	88	87	89	90	92	93	91	92	95	95	95	98	86	86	77	85	82	78	88	91	90	95	90.1
	Minimum	72	71	74	73	69	71	69	72	70	68	67	69	70	66	72	72	71	70	71	68	70	73	67	63	65	59	62	68	69	69	72	69.3
Western Portion.																																	
Aiken	Maximum	98	95	91	89	87	86	89	90	90	88	87	89	92	90	88	86	85	93	92	94	97	88	83	82	83	82	81	79	89	92	93	88.7
	Minimum	74	75	74	72	70	70	69	70	71	69	69	70	72	70	72	68	70	71	73	71	70	73	68	66	65	62	63	67	66	69	72	69.7
Anderson	Maximum	98	97	93	89	76	85	92	89	81	89	82	88	86	88	81	71	89	93	92	95	95	80	81	77	80	78	77	73	85	93	96	86.1
	Minimum	72	75	77	72	68	67	70	70	68	68	69	69	73	70	66	64	69	73	69	76	70	71	75	64	66	65	61	66	66	69	70	69.1
Batesburg	Maximum	99	96	95	85	83	86	90	97	86	88	87	88	91	90	86	83	86	94	91	94	93	89	85	86	74	72	80	76	83	93	98	87.9
	Minimum	74	73	73	69	69	68	70	77	67	68	67	68	70	70	66	66	68	72	69	71	70	70	67	66	64	60	62	64	65	78	80	68.9
Calhoun Falls §§§	Maximum	102	100	96	95	82	89	92	91	90	88	88	91	91	91	88	78	89	94	93	98	97	86	85	72	83	80	82	76	86	93	95	89.1
	Minimum	69	70	73	73	66	65	67	67	64	66	67	67	67	67	70	66	63	68	66	68	69	65	68	62	63	60	59	59	63	63	64	65.9
Camden §§§	Maximum																																
	Minimum																																
Clemson College	Maximum	97	93	93	88	81	90	88	86	85	87	87	88	87	87	80	75	81	92	93	94	95	83	80	80	82	81	79	86	84	91	94	86.5
	Minimum	68	68	75	69	68	68	67	67	67	67	66	68	69	69	66	63	66	70	63	65	62	67	67	64	65	62	60	63	65	65	67	66.3
Columbia	Maximum	97	94	91	88	78	88	90	89	86	87	88	90	89	90	81	80	90	94	92	94	95	85	82	73	81	80	80	73	88	92	94	87.1
	Minimum	74	77	75	72	70	70	71	70	72	68	71	72	70	71	66	66	70	73	72	72	72	73	69	64	63	61	62	68	67	72	74	69.9
Due West	Maximum	100	93	93	87	78	85	91	89	83	84	85	89	88	89	79	73	87	92	91	92	95	82	81	69	81	78	77	70	86	89	93	85.5
	Minimum	71	74	76	71	67	67	69	68	69	69	68	69	70	70	64	64	69	71	69	70	69	70	68	64	64	64	60	65	67	69	70	68.2
Greenville	Maximum	96	92	91	85	72	82	88	86	80	84	84	85	85	85	74	67	85	91	89	92	89	77	77	69	78	77	77	72	84	89	92	83.0
	Minimum	74	73	74	66	65	67	68	67	68	68	68	69	69	69	63	62	67	71	73	71	71	69	64	63	62	63	61	64	65	68	72	67.5
Greenwood	Maximum	98	91	90	84	79	83	89	86	83	83	88	88	85	88	82	74	86	91	90	91	93	82	82	76	76	78	77	73	85	88	90	84.8
	Minimum	72	75	77	70	69	68	69	68	64	68	68	70	70	70	67	63	69	72	68	70	72	68	69	62	64	61	60	64	66	69	70	68.1
Heath Spring	Maximum	95	92	91	89	85	87	88	87	83	84	88	88	85	88	81	72	87	95	89	92	93	95	80	72	80	80	79	75	85	93	97	86.3
	Minimum	73	75	75	72	65	67	68	69	68	67	70	70	71	70	69	60	67	72	69	68	70	70	67	62	60	57	58	56	64	69	73	67.5
Kershaw	Maximum	97	94	93	86	74	88	90	90	85	88	84	93	91	91	78	74	91	95	92	96	95	86	80	74	85	83	83	76	93	96	99	87.7
	Minimum	71	75	77	72	66	68	68	70	67	67	70	68	71	71	65	62	68	72	68	66	69	70	68	63	60	58	58	67	65	68	72	67.7
Landrum	Maximum	97	95	93	86	76	84	91	91	83	86	86	88	85	86	73	70	88	92	90	96	91	81	79	70	82	81	81	75	86	93	94	85.5
	Minimum	74	69	74	72	64	65	66	66	64	65	63	63	68	64	64	61	69	69	75	68	70	68	66	62	56	62	59	65	64	74	70	66.4
Laurens §§§	Maximum	94	92	88	75	83	91	87	82	85	88	88	87	88	78	71	87	92	89	92	93	83	82	71	80	78	87	71	86	90	92	92	[a]87.2
	Minimum	63	76	71	70	67	68	69	66	68	68	69	70	70	72	64	65	71	68	68	67	68	70	65	61	63	60	61	65	66	68	68	67.3
Liberty	Maximum	96	96	93	89	75	84	91	89	83	87	87	87	87	86	79	71	87	91	88	94	92	79	79	75	80	79	78	75	87	91	94	85.5
	Minimum	69	71	76	70	66	66	68	68	67	69	68	68	67	70	65	63	68	70	64	69	67	69	65	63	63	63	61	65	65	65	66	66.9
Little Mountain	Maximum	95	91	91	89	81	85	89	87	85	85	88	88	89	88	85	76	87	90	94	95	98	85	81	75	80	84	82	80	87	90	95	86.9
	Minimum	74	74	74	73	68	70	75	68	67	69	68	68	69	69	69	65	69	70	71	71	73	71	68	63	60	62	61	60	67	69	70	68.5
Monetta	Maximum	93	92	91	88	82	85	91	89	89	90	89	90	92	92	86	86	85	93	94	94	99	85	84	77	82	80	80	77	90	93	96	88.2
	Minimum	72	73	74	69	69	69	69	68	69	69	68	68	71	69	68	66	70	72	72	70	69	72	67	65	65	60	61	67	65	68	70	68.5
Newberry	Maximum						80	90			90			93	94	93	85	82	93	....	97	....	101	89	85	76	85	85	85	80	93	97	...	[a]88.7
	Minimum	73	73	72	72	70	72	69	69	67	69	69	70	72	71	70	65	69	72	72	69	69	.....	.....	...	62	60	60	65	67	67	67	[c]68.6
Saluda	Maximum	100	93	90	88	84	89	89	92	89	90	88	90	91	92	89	85	95	94	92	95	92	85	82	77	83	82	81	81	74	90	93	88.2
	Minimum	80	74	75	69	70	69	70	67	65	67	66	68	70	72	67	65	70	70	66	66	65	70	67	66	64	59	58	60	66	66	65	67.5
Santuck	Maximum	102	97	96	88	75	88	92	92	84	89	88	91	90	90	79	72	90	97	92	97	93	86	84	72	81	80	80	74	90	95	98	87.8
	Minimum	69	72	78	70	68	62	67	68	69	65	67	67	69	71	65	64	69	71	64	67	66	70	68	64	64	59	58	65	66	66	69	67.0
Spartanburg	Maximum	99	98	96	90	72	86	92	89	82	87	88	90	90	90	84	70	88	92	90	93	91	83	81	72	82	80	80	75	85	92	95	86.5
	Minimum	70	71	77	72	68	66	68	67	68	67	67	67	69	68	64	62	67	70	69	68	62	60	61	58	62	65	66	68	66	68	66	66.8
Trenton	Maximum	97	92	92	86	87	89	90	90	89	87	90	90	92	89	85	84	85	91	94	96	....	84	83	73	83	80	80	74	86	91	94	[a]87.4
	Minimum	71	75	73	71	70	69	69	69	67	68	68	67	69	72	69	67	70	70	70	70	.....	72	65	67	65	61	61	67	66	67	76	[a]68.7
Walhalla	Maximum	97	93	94	89	75	85	90	91	83	86	86	87	87	84	79	71	87	93	90	92	93	78	80	75	84	81	78	78	87	92	94	85.8
	Minimum	65	66	72	67	66	65	65	65	64	68	65	66	69	67	65	62	66	67	62	64	65	65	66	63	65	61	59	58	65	63	64	64.8
Winnsboro §§§	Maximum	97	95	94	90	78	88	92	90	88	89	90	91	89	91	78	79	91	98	.....	.....	96	88	85	73	81	81	83	72	...	92	95	[c]87.6
	Minimum	72	74	74	72	68	68	69	69	69	67	68	69	72	68	73	64	65	72	68	.....	...	70	69	64	63	59	59	64	65	68	72	[b]68.1
Winthrop College	Maximum	100	100	93	90	84	92	94	90	86	90	90	91	90	93	80	68	92	94	93	95	93	86	80	78	83	85	83	82	85	92	97	88.7
	Minimum	73	75	76	70	62	67	79	68	68	69	70	69	70	72	63	62	66	68	68	70	72	71	63	64	59	60	59	57	67	69	70	67.6

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., SEPTEMBER, 1921. No. 9.

GENERAL SUMMARY.

The month was the warmest September of record. Precipitation was somewhat below normal, on the whole. However, the distribution of rainfall was very uneven, and, over the greater portion of the Section, the monthly amounts were decidedly below normal.

Deterioration of the cotton crop continued, incident to prolonged hot weather, lack of moisture, and ravages of the boll weevil, which were especially injurious to the younger crop in northern counties. The expected crop was practically picked in the southern and central counties, and the crop was all open to the extreme northern border districts at the close of the month. Corn was being harvested in the central counties at the close of the month, but, because of prolonged hot, dry weather, the yield was below the earlier expectations. Hay harvesting progressed under favorable conditions, and large quantities of forage were secured. Field and garden vegetables deteriorated steadily, except in portions of the middle coast district, where rainfall was adequate. Syrup making was well under way, with generally satisfactory yields. J. F. J.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 39.05 inches. The highest pressure in the region covered by reports was 30.26 inches at Columbia, S. C., on the 20th; the lowest pressure was 29.81 inches at Charlotte, N. C., on the 30th, and in the Section proper, 29.82 inches at Charleston and Columbia on the 6th, and at Greenville on the 30th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 80.0°, or 5.8° above the normal. The highest temperature was 104° at Florence, No. 1, Florence County, on the 4th. The lowest temperature was 57° at Darlington, Darlington County, on the 24th. The monthly mean temperature was the highest on record for September, breaking the previous record, that of 1911, by 1.1°. Daily mean temperatures were from 3° to 12° above normal throughout the month. Intense heat was practically continuous, with but two short periods of relatively moderate temperature.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 84%; noon, 54%; 8 p. m., 72%. The highest percentages occurred over the extreme eastern and extreme northwestern counties, and the lowest, in the west-central interior.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 3.42 inches, or 0.51 inch below normal. Rainfall occurred in three fairly well defined periods over the western portion, but was more or less intermittent over the central and eastern portions. Over a small area of the middle coastal plain and over the upper Piedmont, the amounts ranged from 4.00 inches to over 7.50 inches, while over large areas of the central and northeastern portions, the amounts ranged downward to less than 0.50 inch. The greatest local monthly amount was 7.54 inches at Clemson College, Oconee County; least local monthly amount, 0.41 inch at Conway, Horry County. The greatest 24-hour rainfall at any station was 3.30 inches at Clemson College on the 27th. The number of rainy days was 14 per cent below normal.

Deaths by Lightning.—At Chester, Chester County, George McCullough, a negro, in his home, 8 miles from Chester, the night of September 20.

At Jonesville, September 25, the 11-year old daughter of Mr. and Mrs. Luther Davis. A younger sister was badly shocked.

Near Hickory Grove, York County, William A. Ramsey, while hauling hay in his field, September 20.

Light hail occurred at Clemson College, Oconee County, on the 21st, at Greenville on the 18th, at Liberty, Pickens County, on the 27th and 30th, at Newberry, Newberry County, on the 15th, and at Walhalla, Oconee County, on the 26th.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 5.5 miles. The highest average was 8.1 miles per hour at Savannah, Ga., and in the Section proper, 7.9 miles per hour at Charleston; the lowest average velocity was 3.0 miles per hour at Charlotte, N. C., and in the Section proper, 4.8 miles per hour at Columbia. The highest velocity for any 5-minute period was 46 miles per hour from the northwest, at Greenville on the 21st.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 278.2 hours, or 75% of the possible amount. The average number of clear days was 19; partly cloudy, 8, and cloudy, 3, as against normals of 15, 9, and 6 days, respectively.

RIVER CONDITIONS.

Local heavy showers over the upper watersheds were followed by moderate rises in the Broad and Saluda Rivers on the 28th and 29th, and in the Santee on the 30th. Otherwise the various rivers were low throughout the month.

MISCELLANEOUS DATA FOR SEPTEMBER, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.07	71.7	89	50	1.57	0.36	4.6	nw.	94	56	76	63
Augusta, Ga.	30.04	81.6	100	65	2.33	1.25	3.8	s.	83	50	69	78
Charleston, S. C.	30.05	81.9	98	68	5.19	1.33	7.9	s.	80	59	77	84
Charlotte, N. C.	30.04	79.2	96	60	2.55	1.14	3.0	n.	80	51	66	69
Columbia, S. C.	30.06	80.9	98	64	1.83	0.88	4.8	s.	84	52	64	78
Due West, S. C.	30.08	79.4	97	63	6.13	2.00	5.5	s.	84	53	...	68
Greenville, S. C.	30.04	78.2	95	62	6.49	2.26	6.0	ne.	81	55	69	71
Savannah, Ga.	30.06	82.0	97	69	2.07	1.53	8.1	sw.	85	56	76	85
Wilmington, N. C.	30.05	79.2	95	67	1.86	0.94	5.2	sw.	86	56	80	77
Means and extremes	30.05	79.3	100	50	3.34	2.26	5.5	s.	84	54	72	75

Climatological Data for September, 1921.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.			Number of days.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation 0.01 in. or more.	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	
Eastern Portion.																			
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	82.0	+6.4	100	† 2	64	26	31	0.80	−3.57	0.60	0	2	23	3	4	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	80.4	+5.2	101	4	61	27	33	0.31	−3.15	0.16	0	2	20	9	1	w.	B. O. Evans.
Charleston	Charleston	48	50	81.9	+5.7	98	6	68	28	20	5.19	−0.27	1.33	0	6	20	9	1	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	80.9	+7.8	102	† 4	59	†22	35	1.24	−2.39	0.78	0	3	..	..	..	.....	Roland D. Powe.
Conway	Horry	25	33	81.2	+6.4	100	5	63	24	31	0.41	−4.44	0.28	0	3	17	4	9	sw.	Paul Quattlebaum.
Darlington	Darlington	175	26	81.2	+6.9	101	† 5	57	24	41	1.01	−2.82	0.77	0	3	22	1	7	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	1.61	−1.91	0.75	0	4	..	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	79.4	+5.4	97	4	60	27	29	1.15	−2.65	1.02	0	2	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	82.8	+8.1	104	4	60	24	40	0.45	−3.62	0.22	0	4	22	7	1	sw.	H. K. Gilbert.
Florence 2	.....do	136	6	.....	.....	.....	.....	.....	.....	.....	0.85	−3.22	0.45	0	3	19	6	5	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	[b]82.3	.....	[a]101	† 3	[b]60	25	[b]58	2.10	.....	1.34	0	4	14	15	1	sw.	Maner B. Robert.
Georgetown	Georgetown	12	29	82.2	+6.3	101	6	62	24	37	4.08	−0.09	3.22	0	3	26	3	1	nw.	A. P. Hazard.
Kingstree	Williamsburg	54	40	80.6	+6.1	100	† 1	61	24	34	0.45	−3.38	0.20	0	3	29	0	1	sw	W. H. Matthews.
Orangeburg 1	Orangeburg	264	5	79.9	.....	99	4	60	24	34	2.67	.....	1.23	0	5	21	7	2	w.	U. S. Fisheries Station.
Orangeburg 2	.....do	264	1	.....	.....	.....	.....	.....	.....	.....	1.60	.....	0.50	0	6	19	9	2	w.	State A. and M. College.
Paris Island	Beaufort	13	37	83.8	+6.6	100	† 3	63	28	29	1.30	−3.93	0.60	0	3	14	16	0	nw.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	77.8	+3.6	94	6	64	25	.....	4.81	+0.22	2.10	0	4	17	9	4	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	0.48	.....	0.38	0	2	..	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	[a]80.6	+7.4	100	6	[a]64	10	[a]30	0.80	−3.22	0.32	0	5	29	0	1	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	81.6	+6.0	99	6	62	24	33	5.19	+0.87	2.05	0	6	22	8	0	e.	E. P. Lawton.
Yemassee	Hampton	24	33	80.6	+5.1	98	† 4	60	25	34	3.11	−1.13	2.30	0	4	27	0	3	s.	W. C. Hutson.
Division means and	extremes	.....	.....	81.1	+6.1	104	4	57	24	41	1.89	−2.11	3.22	0	3	21	6	3	sw.	
Western Portion.																			
Aiken	Aiken	527	60	81.1	+7.0	99	6	67	†23	28	3.28	−0.06	1.27	0	4	25	4	1	e.	Frank B. McCoy.
Anderson	Anderson	764	26	80.0	+5.8	98	1	66	†22	24	4.20	+0.80	1.48	0	6	22	0	8	w.	H. H. Russell.
Batesburg	Lexington	656	38	[a]81.0	+7.1	[a]99	† 3	60	27	[a]27	3.35	−0.54	1.28	0	4	19	10	1	nw.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	3.36	+0.54	1.63	0	7	..	..	..	....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	79.6	.....	101	2	62	23	33	3.98	−0.02	1.82	0	7	18	4	8	e.	L. M. Parker.
Camden	Kershaw	222	74	.....	.....	.....	.....	.....	.....	.....	1.82	−1.93	1.20	0	6	26	2	2	sw.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	2.25	−0.96	0.80	0	7	..	..	..	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	6.25	+2.19	2.43	0	7	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	78.2	+5.4	97	† 2	61	23	39	7.54	+3.32	3.30	0	11	8	17	5	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	80.8	+7.1	98	4	61	24	27	1.83	−1.62	0.88	0	9	12	13	5	s.	U. S. Weather Bureau.
Due West	Abbeville	711	....	79.4	.....	97	3	63	23	27	6.13	.....	2.00	0	9	11	14	5	s.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	7	.....	.....	.....	.....	.....	.....	.....	3.97	.....	1.62	0	7	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	4.86	+1.89	1.82	0	11	....	...	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	78.2	+7.3	95	4	62	27	26	6.49	+2.58	2.26	0	8	11	16	3	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	78.1	+4.7	94	† 3	61	27	24	3.43	−0.36	1.75	0	5	22	6	8	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	79.5	+5.7	100	4	62	24	29	2.05	−1.13	1.71	0	4	12	13	5	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	5	80.6	.....	101	3	61	23	35	1.92	.....	1.27	0	6	22	1	7	w.	John W. Hamel.
Landrum	Spartanburg	1063	6	78.7	.....	98	4	59	23	33	6.64	.....	1.60	0	10	17	12	1	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	3	78.0	.....	96	† 4	60	24	30	3.28	.....	1.29	0	5	13	15	2	.....	Perry A. Simpson.
Liberty	Pickens	900	22	76.2	+3.3	98	8	61	23	29	5.67	+1.61	1.50	0	10	12	17	1	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	79.9	+4.9	98	1	66	†22	27	6.28	+3.32	2.58	0	8	17	2	11	se.	J. M. Sease, M. D.
Monetta	Saluda	400	14	80.8	+6.5	98	† 1	65	†24	29	2.73	−0.85	0.61	0	9	10	18	2	n.	Joseph M. Johnson.
Newberry	Newberry	502	18	[a]80.4	+5.6	[a]101	5	60	25	[a]33	6.57	+3.54	1.95	0	9	15	10	5	sw.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	3.46	+0.25	1.82	0	6	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	80.0	+5.6	101	5	59	24	33	5.36	+2.06	1.40	0	9	27	3	0	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	79.5	+6.1	101	† 4	62	24	35	7.06	+3.59	2.47	0	9	14	12	4	ne.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	79.0	+6.9	98	4	59	23	31	4.10	+0.79	1.72	0	6	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	80.4	+5.1	98	3	65	†22	27	4.80	+1.43	2.30	0	6	18	10	2	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	78.4	+7.6	98	3	61	†24	35	7.43	+1.98	2.20	0	11	19	8	3	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	31	80.1	+6.9	99	† 3	62	23	29	2.37	−1.69	1.16	0	9	18	10	2	nw	Rev. Oliver Johnson
Winthrop College ††	York	690	22	77.2	+4.0	99	† 2	61	22	30	5.31	+2.03	1.75	0	10	13	10	7	s.	W. P. Goodman.
Division means and	extremes	.....	.....	79.3	+5.5	101	† 2	59	†23	39	4.46	+0.85	3.30	0	8	16	9	5	w.	
Section means and	extremes	.....	.....	80.0	+5.8	104	4	57	24	41	3.42	−0.51	3.30	0	6	19	8	3	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

AUGUST, 1921.—Saluda: Greatest precipitation in 24 hours, page 30, should be 0.91 inch.

Daily Precipitation for September, 1921.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖	Savannah																					.20							.60				0.80
Blackville ‖	Edisto									T.																		T.			.16		0.31
Bowman	do	.15							.88	T.			T.	.34						.12			.78					.36		.86	.90		5.19
Charleston ***	Coast	1.33																		T.	.86												1.24
Cheraw ‖	Pee Dee									.28			T.											.08									0.41
Conway ‖	Waccamaw	.05																															
Darlington ‖	Pee Dee								T.	.77				T.									12					12					1.01
Effingham ‖	Lynches		.41							.75										T.	T.	.10					.35						1.61
Ferguson ‖	Santee									.13	1.02																						1.15
Florence 1 ‖	Pee Dee									.06					.04								13					22					0.45
Florence 2 ‖	do								.45																		.27				.13		0.85
Garnett	Savannah		.07							.33																	1.34	.36					2.10
Georgetown	Coast	.48							3.22	T.																				.38			4.08
Kingstree ‖	Black									.20											.16		.09										0.45
Orangeburg 1	Edisto		.25						.02												.75	1.23							.42				2.67
Orangeburg 2	do				.30					.30									.50	.20						.25				.05			1.60
Paris Island	Coast										.60																.10	.60					1.30
Pinopolis	Cooper		2.10						1.70												.64									.37			4.81
Rimini ‖	Santee								.38														.10										0.48
Society Hill ‖	Due West								.04				.32				.05					.28									.11		0.80
Summerville	Ashley		.35	.20					2.05	.56																				1.95	.08		5.19
Yemassee ‖	Ashepoo		.70	.06																		.05						2.30					3.11
Western Portion.																																	
Aiken	Edisto								1.20														.52				1.27	.29					3.28
Anderson	Savannah								.05	1.48										.67		.73	.10				.87						4.20
Batesburg ‖	Edisto									.96			.09									1.28	1.02										3.35
Blairs ‖	Broad										.19			.53						.16		.22	1.63				.41	.22					3.36
Calhoun Falls ‖	Savannah									.27							.04				1.23	.15	.25				1.82	.22					3.98
Camden ‖	Wateree		.10							.12			.22									.08	1.20					.10					1.82
Catawba ‖	Catawba							.05	.45		.25			.36								.16	.80					.18					2.25
Chappells ‖	Saluda									.10	1.60	.04									2.43	1.33					.73	.62					6.25
Clemson College	Savannah						.03		.84	.04	.76		.66							.15		.47	.89			.22		3.30	.18		T.			7.54
Columbia ***	Congaree	.88	T.					.11	.09			.17				T.						.05	.36	.09			T.	.06			.02			1.83
Due West	Savannah				T.		T.		T.	.80	T.	1.02								.53	.02	.11	2.00				.69	.87		T.	.09			6.13
Edgefield ‖	Savannah									1.62							.40					.20	.45	.80				.10	.40					3.97
Gaston Shoals ‖	Broad		.53						.56	.04	1.36	.02								.05	T.	.09	.18				.12	1.82	.09					4.86
Greenville ***	Saluda										T	T.							1.77		1.05	1.05				.22	.12	2.14		.04	.10			6.49
Greenwood ‖	do										.10											1.12	.38					1.35	.28					3.43
Heath Spring	Wateree								.08	.16											.10	1.71											2.05
Kershaw ‖	Lynches		.11							.34	.04										.07	1.27					.09						1.92
Landrum	Broad								.61		1.09									.05	.77	.24	.20				.62	1.40	1.60		.06			6.04
Laurens ‖	Saluda											.90								.29		.54					1.20				.26			3.28
Liberty	Savannah									.30	T.	.02	.30			T.			.25		1.10	.20					1.50	1.20		.35	.45			5.67
Little Mountain	Saluda		1.05									.05									.20	2.58	1.75				.15	.40			.10			6.28
Monetta	Edisto						T.	T.		.15			.43	.49		T.					.02	.60	.61				.31	.09			.03			2.73
Newberry	Saluda		.18							.09		42		T.		1.20					1.95		1.68				.10	.50			.45			6.57
Pelzer ‖	do							T.			.62										.02	.42	1.82					.28	.30	T.				3.46
Saluda	do	.02				.31		.48													.40	.90	1.23				.32	1.40			.30			5.36
Santuck	Broad		T.				T	.27	.10	.28	2.19									.27		1.74	.64	1.07			.50							7.06
Spartanburg ‖	do							T		.03												.57	1.72				.28	1.40	.10		T.			4.10
Trenton	Edisto		T.				T.	T.	2.30	.38			T.	T.		.26					T.		1.09				T.	.66			.11			4.80
Walhalla	Savannah								.21	T.		.12				.06			.10		.32	1.60				2.06	2.20	.05	.30	.41			7.43
Winnsboro ‖	Broad								.28		.02	.20		.39			.04			.05		.11	1.16						.12					2.37
Winthrop College	Catawba								.43	.41		.25		.34	.04						1.00	1.75	.75				.23	.11						5.31

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.2	101	34	1.12	4				e.
1888	69.6	93	31	9.86	13				ne.*
1889	72.1	98	40	3.34	5				se.
1890	72.9	98	49	7.84	16				ne.
1891	74.3	92	50	2.66					ne.
1892	72.5	93	40	6.41					ne.
1893	74.7	98	46	4.42	7	14	7	9	sw.
1894	75.0	100	52	6.51	12	12	10	8	ne.
1895	76.9	106	35	1.29	4	17	8	5	ne
1896	75.0	105	39	2.94	5	17	8	5	ne.
1897	73.3	100	42	2.91	4	17	7	6	ne.
1898	76.0	96	48	4.06	7	12	10	8	ne.
1899	72.8	102	34	2.55	6	17	8	5	ne.
1900	77.1	100	45	2.83	5	19	8	3	ne.
1901	73.1	98	46	4.66	6	15	8	7	ne.
1902	72.1	98	43	3.74	8	13	9	8	ne.
1903	72.7	100	41	3.62	5	17	7	6	ne.
1904	75.8	101	44	2.46	4	19	7	4	ne.
1905	76.2	98	49	1.91	4	16	8	6	ne.
1906	78.0	98	55	4.85	9	10	12	8	ne.
1907	76.0	99	45	5.91	9	13	11	6	w.
1908	72.4	94	40	2.86	4	15	9	6	ne.
1909	72.0	98	39	5.74	7	13	9	8	ne.
1910	75.8	103	46	3.10	7	15	12	3	ne
1911	78.9	100	50	3.33	8	13	13	4	sw
1912	77.7	109	47	5.91	11	10	7	13	e.
1913	71.7	99	40	4.66	9	14	7	9	ne.
1914	71.3	101	43	3.63	7	14	9	7	ne.
1915	75.9	102	43	2.38	5	16	8	6	ne.
1916	72.2	99	35	2.56	7	17	8	5	ne.
1917	71.2	98	40	5.75	10	12	8	10	ne.
1918	69.8	96	36	3.87	7	18	5	7	ne.
1919	74.1	99	45	0.97	2	22	6	2	ne.
1920	75.5	100	46	5.42	7	16	8	6	ne.
1921	8.00	104	57	3.42	6	19	8	3	sw.
Period	74.2	109	31	3.93	7	15	9	6	ne.

*Also e. and s.

Daily Temperatures for September, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum																																
Blackville	Maximum	94	100	98	98	100	100	98	94	96	92	90	88	98	96	95	90	98	96	97	99	96	96	92	92	95	94	94	90	87	91	....	94.8
	Minimum	72	72	74	68	70	70	69	72	73	71	70	69	70	68	67	69	67	68	66	74	72	70	66	65	67	64	67	67	69	72	....	69.3
Bowman	Maximum	99	96	97	101	99	99	98	97	90	95	94	93	91	92	93	93	94	93	98	94	93	94	93	94	92	91	85	91	92	87	....	93.9
	Minimum	69	68	68	70	71	70	70	69	68	67	63	65	64	65	62	66	72	73	69	70	68	67	66	65	65	63	61	65	65	66	....	67.0
Charleston	Maximum	94	90	93	93	98	98	97	90	85	84	88	89	89	89	92	91	86	92	93	85	85	88	91	88	88	86	85	82	85	89	....	89.4
	Minimum	74	73	77	76	78	78	77	73	75	77	74	75	73	73	73	75	76	74	76	76	79	74	74	72	73	74	73	68	72	71	....	74.4
Cheraw §§§	Maximum	100	101	99	102	98	102	98	96	95	98	97	95	93	93	95	97	98	97	97	93	87	93	93	95	92	93	91	88	92	85	....	95.1
	Minimum	72	72	69	69	70	69	72	70	67	67	67	68	65	64	65	68	69	70	67	67	67	59	59	60	65	66	69	66	65	59	..	66.7
Conway	Maximum	99	97	96	99	100	99	99	90	88	89	92	93	91	92	94	95	93	95	91	86	88	91	94	94	91	93	91	90	88	92	....	93.0
	Minimum	73	70	74	73	75	75	72	73	73	69	67	67	68	66	65	70	69	67	74	68	71	70	67	63	64	68	65	70	68	69	....	69.4
Darlington §§§	Maximum	97	100	100	101	99	101	98	95	89	92	94	95	91	93	95	98	96	96	93	91	91	92	94	98	95	95	89	88	94	89	....	94.6
	Minimum	70	72	70	73	71	70	70	70	70	68	66	69	69	66	67	69	68	69	72	68	66	70	59	57	63	66	61	69	66	72	....	67.9
Ferguson §§§	Maximum	96	95	94	97	91	92	94	94	90	93	90	91	91	92	92	94	94	93	92	94	94	92	90	91	93	92	90	92	93	83	....	92.3
	Minimum	69	70	69	70	71	70	68	70	71	69	69	63	64	62	64	65	63	61	62	66	65	68	69	62	65	68	60	65	65	73	....	66.5
Florence 1	Maximum	103	100	99	104	97	102	102	94	90	95	91	96	91	94	97	99	98	100	98	90	91	89	95	100	98	98	90	93	94	80	....	95.6
	Minimum	73	72	73	73	74	72	72	73	71	69	67	70	71	68	68	71	71	69	74	69	68	71	66	60	65	69	68	69	69	73	....	69.9
Garnett	Maximum	99	98	101	100	100	100	100	....	100	94	94	95	93	94	97	97	97	97	101	99	97	98	99	94	95	96	92	90	94	87	....	[a]96.5
	Minimum	72	71	70	69	72	74	72	....	70	72	68	67	70	65	63	66	65	63	70	71	71	68	65	63	60	64	....	66	69	71	....	[b]68.1
Georgetown	Maximum	101	100	97	100	100	101	100	97	87	90	92	93	92	94	95	96	93	97	97	96	90	95	99	94	93	95	95	90	91	92	....	95.1
	Minimum	72	69	74	73	75	73	72	69	71	69	67	69	68	67	65	70	70	67	74	77	70	70	69	62	64	65	67	68	67	65	....	69.3
Kingstree	Maximum	100	98	97	99	99	100	98	99	89	92	92	95	92	91	93	94	94	94	95	90	96	93	95	95	93	93	92	89	88	88	....	94.2
	Minimum	71	70	70	71	72	69	69	70	71	67	67	66	68	63	62	62	65	62	69	70	67	70	64	61	62	64	62	67	66	71	....	66.9
Orangeburg 1	Maximum	97	94	96	99	98	97	96	94	88	90	93	93	90	92	90	97	93	96	96	93	91	90	90	92	90	90	84	88	91	86	....	92.5
	Minimum	71	70	69	69	72	71	69	70	71	68	65	67	69	65	63	63	65	62	68	70	70	69	63	60	63	66	64	67	68	71	....	67.3
Paris Island §§§	Maximum	98	99	100	100	100	100	100	98	91	92	91	95	92	94	95	92	92	95	98	95	92	93	95	91	94	91	91	92	94	92	....	94.6
	Minimum	73	74	74	74	75	77	75	75	75	76	74	73	74	72	72	72	73	73	74	75	75	73	71	73	72	73	71	63	70	69	....	73.0
Society Hill §§§	Maximum	98	97	95	98	99	100	97	93	89	91	94	93	89	89	92	91	94	95	89	90	89	90	92	94	92	92	88	85	92	88	....	92.5
	Minimum	71	71	70	70	70	70	70	70	67	64	68	68	65	65	69	69	69	73	67	68	68	....	....	....	....	....	....	....	....	....	....	[b]68.7
Summerville	Maximum	96	94	97	97	98	99	97	97	89	90	90	93	90	90	93	93	93	93	95	95	90	93	94	93	93	91	91	91	87	....	....	93.2
	Minimum	73	69	72	71	73	73	71	72	71	71	67	69	69	68	65	68	67	65	73	74	67	68	67	62	63	66	65	67	68	71	....	68.8
Yemassee	Maximum	96	96	96	98	97	98	97	96	92	91	93	95	93	92	95	95	94	94	98	95	93	96	95	95	94	93	91	90	91	87	....	94.2
	Minimum	72	69	70	69	70	72	71	70	70	70	65	66	68	64	62	65	64	62	69	70	69	66	62	61	66	63	64	66	67	70	....	16.9
Western Portion.																																	
Aiken	Maximum	97	98	96	98	98	99	96	91	88	89	92	93	89	91	90	92	92	91	91	95	91	90	91	92	90	91	89	83	89	86	....	92.0
	Minimum	73	73	72	70	74	72	71	69	72	72	70	70	71	70	68	69	69	69	72	72	71	67	68	68	70	71	67	67	70	71	....	70.2
Anderson	Maximum	98	97	96	95	96	94	93	87	85	85	90	90	85	90	96	93	92	90	93	93	88	90	89	87	84	89	87	87	90	79	....	89.9
	Minimum	73	73	72	72	72	73	70	72	71	71	75	69	70	70	70	70	70	70	70	71	71	66	66	66	67	66	70	69	67	73	..	70.2
Batesburg	Maximum	97	98	99	98	97	99	94	93	87	89	90	89	87	86	88	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	[c]92.7
	Minimum	75	73	72	74	75	77	75	69	70	69	69	69	70	70	68	69	70	69	70	73	69	68	67	66	67	64	66	61	64	66	....	69.3
Calhoun Falls §§§	Maximum	98	101	94	1 0	98	97	95	97	95	90	94	95	92	94	96	95	94	95	94	92	90	90	92	92	92	90	80	84	87	84	....	93.1
	Minimum	68	69	68	67	67	68	68	68	67	67	69	65	65	65	66	68	69	66	68	67	68	64	62	63	63	64	65	63	63	64	....	66.1
Camden §§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clemson College	Maximum	96	97	97	97	96	97	94	90	85	87	91	91	89	90	92	92	92	92	90	92	90	89	90	90	89	87	75	84	86	87	..	90.5
	Minimum	58	69	68	66	66	67	65	68	70	69	65	66	66	64	68	65	60	69	68	69	68	66	61	63	65	64	65	65	64	69	..	65.9
Columbia	Maximum	96	96	97	98	98	98	93	92	87	89	91	92	89	91	89	94	92	94	91	91	88	88	96	91	90	88	83	86	89	81	....	91.10
	Minimum	69	74	73	73	74	74	72	72	72	71	71	70	71	69	70	70	72	70	73	71	70	70	64	64	69	71	70	68	71	71	....	70.6
Due West	Maximum	96	94	97	96	96	96	94	89	88	86	91	91	89	91	91	94	92	93	90	93	87	87	88	89	89	85	80	84	86	81	....	90.1
	Minimum	70	70	70	71	69	71	70	70	71	70	70	69	69	69	70	69	70	69	70	72	67	67	63	67	65	65	66	68	66	69	....	68.7
Greenville	Maximum	93	93	94	93	94	93	91	84	86	87	88	90	87	89	91	92	90	90	88	87	85	86	89	84	86	83	74	83	85	79	....	87.9
	Minimum	70	72	70	70	71	72	72	71	70	68	69	68	71	70	72	69	69	67	70	70	65	65	63	67	66	66	62	66	67	64	....	68.4
Greenwood	Maximum	93	93	94	94	94	93	92	88	85	85	89	90	88	89	90	91	90	92	90	91	85	85	86	86	87	82	76	80	80	80	....	87.9
	Minimum	73	72	70	71	71	71	71	69	70	71	68	68	68	68	70	70	70	69	70	71	70	68	65	63	64	63	61	63	66	66	....	68.3
Heath Spring	Maximum	95	96	98	100	99	98	96	91	88	87	93	90	90	90	91	96	92	90	90	88	80	88	89	88	89	87	83	83	85	84	....	90.5
	Minimum	73	73	73	71	71	70	70	70	68	69	67	67	68	67	69	69	71	69	70	70	67	67	63	62	64	66	65	68	66	72	....	68.5
Kershaw	Maximum	99	100	101	100	99	100	99	94	90	91	95	94	91	94	93	98	95	95	92	92	85	88	91	91	90	92	80	87	91	80	....	93.1
	Minimum	71	70	73	69	68	69	69	71	68	70	68	67	68	66	64	64	65	63	71	71	70	71	69	67	61	64	65	66	66	68	....	68.0
Landrum	Maximum	96	95	97	98	96	96	94	87	88	89	92	93	90	93	93	97	93	93	90	88	85	91	92	88	89	87	75	85	87	89	....	90.6
	Minimum	70	68	68	68	70	74	67	69	68	67	67	67	67	62	69	77	76	71	68	66	69	62	59	60	64	60	64	61	63	63	....	66.8
Laurens §§§	Maximum	94	94	95	96	96	95	94	87	90	88	90	90	88	88	92	91	92	92	90	91	85	85	87	86	88	88	78	84	87	81	....	89.4
	Minimum	68	69	68	67	68	66	66	68	70	70	67	67	67	66	67	67	66	67	68	69	72	67	60	60	62	64	63	65	64	70	....	66.6
Liberty	Maximum	97	97	95	97	95	96	96	98	85	90	91	91	89	91	91	93	93	90	89	90	88	87	89	88	88	84	74	84	87	81	....	90.1
	Minimum	69	69	68	68	70	68	67	67	67	69	68	67	70	64	71	66	69	72	68	70	70	67	61	64	65	64	64	66	66	70	....	67.2
Little Mountain	Maximum	98	97	95	97	97	97	95	91	90	91	89	92	91	90	89	94	91	93	92	90	89	88	88	89	86	87	81	83	85	83	....	90.7
	Minimum	78	71	71	70	73	72	70	69	68	69	69	68	68	68	69	70	69	69	69	69	68	66	66	70	67	68	67	66	68	68	....	69.1
Monetta	Maximum	98	97	99	99	98	97	95	92	88	92	91	91	89	93	89	95	93	94	97	94	90	89	90	92	92	90	83	85	91	85	....	92.4
	Minimum	72	73	70	70	72	73	72	70	70	71	68	69	69	68	68	68	68	68	70	70	69	69	66	65	65	69	68	67	68	71	....	69.2
Newberry	Maximum	....	....	....	....	101	....	100	94	90	90	95	....	94	....	91	95	96	97	96	95	89	91	92	92	93	90	84	89	89	82	....	[a]92.5
	Minimum	70	71	72	68	69	69	74	70	70	70	69	68	68	68	70	68	70	68	70	68	68	67	62	63	60	66	66	69	65	70	....	68.2
Saluda	Maximum	99	98	100	100	101	100	100	92	87	89	93	94	91	93	92	95	96	95	95	95	89	90	91	92	91	88	84	86	85	89	....	93.0
	Minimum	70	70	71	67	69	68	67	68	70	71	67	66	67	64	64	64	65	67	68	71	70	69	61	59	64	65	67	67	66	64	....	66.9
Santuck	Maximum	99	98	100	101	101	99	96	88	90	89	94	92	88	91	95	96	92	96	91	92	86	89	88	89	90	90	80	86	80	89	....	91.9
	Minimum	68	69	68	66	67	66	67	68	68	69	68	66	66	65	69	70	68	69	68	68	68	68	66	62	64	65	64	67	65	71	....	67.1
Spartanburg	Maximum	97	96	96	98	97	96	94	88	90	88	94	93	90	93	94	95	96	96	92	91	87	86	90	87	90	85	77	86	89	82	....	91.1
	Minimum	67	70	67	70	69	67	67	69	70	68	67	67	67	66	70	67	67	70	68	70	70	65	59	63	63	65	60	66	65	64	....	66.8
Trenton	Maximum	97	97	98	97	97	97	96	96	85	90	91	90	89	89	90	91	92	93	93	92	90	90	90	90	89	89	81	83	89	81	....	91.1
	Minimum	74	74	71	72	72	74	70	70	70	73	70	69	69	70	70	70	70	69	69	69	66	65	75	65	67	69	69	67	68	65	....	69.7
Walhalla	Maximum	96	97	98	97	97	97	96	90	86	92	96	93	92	94	97	96	94	96	96	93	88	91	91	89	90	86	75	85	88	86	....	92.1
	Minimum	66	66	65	66	64	67	64	66	66	67	65	63	69	62	68	63	63	67	66	67	69	63	62	61	61	62	64	62	63	64	....	64.7
Winnsboro §§§	Maximum	96	97	99	99	98	98	95	91	88	89	93	93	90	93	91	96	94	95	93	92	87	87	89	90	89	88	85	85	89	79	....	91.6
	Minimum	72	71	70	70	72	70	69	70	69	70	70	70	68	68	70	69	70	69	70	71	69	66	62	64	66	66	66	67	67	67	....	68.6
Winthrop College	Maximum	98	99	98	99	97	97	98	88	87	88	87	94	90	88	94	99	98	98	85	74	81	81	83	81	80	71	76	77	75	74	....	87.8
	Minimum	70	73	70	73	70	70	68	69	69	66	65	64	67	65	66	68	66	67	60	69	68	61	63	63	67	65	62	67	66	59	....	66.5

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., OCTOBER, 1921. No. 10.

GENERAL SUMMARY.

October averaged somewhat cooler than usual. Precipitation was much below normal, with a marked drought between the first and last few days of the month.

The rains of the early part of the month were followed by prolonged drought, and plowing and fall seeding were suspended in extensive areas until the closing days, when copious to heavy rains in the northern counties materially improved plowing conditions. Winter cereal seeding proceeded only slowly, and germination was unsatisfactory on account of lack of moisture. Late field and garden vegetables were badly parched during the dry weather. The harvests of corn, peanuts, sweet potatoes, white potatoes, and hay were practically finished by the end of the month, and but little cotton remained in the fields. Cane sirup of good quality was being made during the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.04 inches. The highest pressure was 30.64 inches at Asheville, N. C., on the 14th, and in the Section proper, 30.54 inches at Due West on the same date; the lowest pressure was 29.60 inches at Asheville, N. C., on the 31st, and in the Section proper, 29.64 inches at Columbia and Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 62.6°, or 1.0° below the normal. The highest temperature was 90° at Darlington on the 2d and 11th and at Florence No. 1 on the 11th, 17th, and 19th. The warm periods were from the 1st to the 3d, from the 16th to the 19th and during the last week. The lowest temperature was 27° at Santuck, Union County, on the 14th. The cool periods were between the 4th and 9th, from the 12th to the 15th, and on the 20th and 21st. Light frosts were general throughout the Section on the 9th. Heavy to killing frosts occurred in the Piedmont and in sections of the central counties on the 9th, and again on the 14th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 77%; noon, 49%; 8 p. m., 62%. The highest percentages occurred along the coast, and the lowest, in the northern interior.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 1.79 inches, or 1.23 inches below the normal. The rainfall was fairly well distributed and was confined principally to the first and last few days of the month. Excepting small areas of the upper Piedmont and the upper Santee basin, the monthly amounts ranged below 3 inches, and downward to less than 1 inch in an extensive area of the lower Piedmont and upper coastal plain. The greatest local monthly amount was 4.44 inches at Landrum, Spartanburg County; least local monthly amount, 0.20 inch at Trenton, Edgefield County. The greatest 24-hour amount at any station was 2.38 inches at Pelzer, Anderson County, on the 30th-31st. The average number of rainy days was 20% below normal.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 8.1 miles. The highest average velocity was 11.8 miles per hour at Charleston and Savannah; the lowest average was 5.0 miles per hour at Charlotte, N. C., and in the Section proper, 7.0 miles per hour at Columbia. The highest velocity for any 5-minute period was 43 miles per hour from the northeast at Charleston and Savannah on the 26th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 252.7 hours, or 72% of the possible amount. The average number of clear days was 21; partly cloudy, 4, and cloudy, 6, as against normals of 18, 6, and 7 days, respectively.

RIVER CONDITIONS.

The Santee River was at or near flood stages at Rimini and Ferguson during the first few days of the month. The prolonged dry weather during the month was attended by unusually low stages in all the rivers of the Section, and many power plants were forced to suspend or reduce operations on account of lack of sufficient water. The acute situation was materially relieved by copious rains up-State at the close of the month.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing.—Number of stations reporting: 9th, 5; 14th, 6.

Halos—Lunar: Charleston, 14; Due West, 14; Walhalla, 7. *Solar:* Due West, 2, 7, 8, 11; Greenville, 2, 7, 15; Liberty, 2

Thunderstorms.—Charleston, 3, 20; Due West, 30; Garnett, 20; Greenville, 30; Liberty, 3; Santuck, 3, 31.

Fog, Dense.—Due West, 31; Garnett, 19; Greenville, 31; Kingstree, 19; Paris Island, 19.

MISCELLANEOUS DATA FOR OCTOBER, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.08	54.2	79	28	2.25	1.46	7.5	nw.	82	44	57	76
Augusta, Ga.	30.04	63.4	87	40	0.55	0.19	5.6	nw.	79	49	64	75
Charleston, S. C.	30.01	66.6	87	49	1.70	0.69	11.8	ne.	79	58	72	61
Charlotte, N. C.	30.04	60.8	83	38	1.76	1.22	5.0	ne.	71	43	50	73
Columbia, S. C.	30.05	63.4	86	39	0.45	0.23	7.0	ne.	74	42	54	77
Due West, S. C.	30.07	60.6	82	37	1.93	1.27	8.5	ne.	73	43	....	74
Greenville, S. C.	30.03	60.0	79	37	2.56	1.81	8.4	ne.	78	54	61	78
Savannah, Ga.	30.01	66.8	86	47	0.95	0.58	11.8	ne.	80	60	70	64
Wilmington, N. C.	30.03	63.7	83	42	2.82	1.89	7.9	ne.	75	52	71	69
Means and extremes	30.04	62.2	87	28	1.64	1.89	8.1	ne.	77	49	62	72

Climatological Data for October, 1921.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				R. B. Vance.
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. D. B. Sanders.
Blackville	Barnwell	296	38	63.0	−1.4	86	3	38	8	40	0.80	−2.18	0.70	0	2	25	2	4	.....	B. O. Evans.
Bowman	Orangeburg	160	21	62.8	−1.4	87	3	34	14	44	1.53	−1.22	0.67	0	5	16	14	1	sw.	U. S. Weather Bureau.
Charleston	Charleston	48	50	66.6	−0.5	87	3	49	5	23	1.70	−2.23	0.69	0	8	16	6	9	ne.	
Cheraw	Chesterfield	144	40	62.7	+1.1	89	11	29	14	45	1.18	−1.67	0.61	0	3	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	64.0	−0.2	86	11	35	9	42	2.62	−0.88	0.88	0	9	15	0	16	ne.	Paul Quattlebaum.
Darlington	Darlington	175	26	[g]64.0	+0.6	[g]90	† 2	[c]33	14	[g]49	0.63	−2.71	0.43	0	3	23	0	8	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	1.06	−1.99	0.55	0	3	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	62.4	−0.9	87	1	32	† 9	49	1.76	−1.23	1.06	0	6	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	65.4	+1.8	90	†11	37	9	49	1.65	−1.47	0.90	0	5	18	9	4	ne.	H. K. Gilbert.
Florence 2	....do	136	6	.....	.....	.....	.....	.....	.....	.....	2.40	−0.72	1.15	0	3	21	7	3	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	[f]66.6	.....	[f]88	† 2	[f]36	22	[f]48	2.40	.....	1.45	0	9	13	8	10	n.	Maner B. Robert.
Georgetown	Georgetown	12	29	66.5	+1.1	88	11	37	22	45	1.36	−2.32	0.65	0	3	17	9	5	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	40	64.4	+0.3	89	2	32	9	50	1.49	−1.35	0.70	0	6	23	1	7	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	5	63.4	.....	86	† 2	36	22	41	2.44	.....	1.07	0	4	21	3	7	e.	U. S. Fisheries Station.
Orangeburg 2	....do	264	1	.....	.....	.....	.....	.....	.....	.....	1.64	.....	0.85	0	6	20	4	7	w.	State A. and M. College.
Paris Island	Beaufort	13	37	69.0	+1.6	89	3	49	† 9	31	2.90	−0.42	1.10	0	6	13	6	12	e.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	[c]61.8	−2.4	[c]86	2	[c]38	9	.....	0.96	−2.17	0.25	0	6	19	6	6	nw.	Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	3.52	.....	1.89	0	6	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	61.8	0.0	89	3	33	†13	47	0.98	−2.15	0.42	0	4	26	0	5	sw.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	64.7	−0.2	88	2	37	† 9	44	1.43	−2.51	0.51	0	6	20	5	6	w.	E. P. Lawton.
Yemassee	Hampton	24	33	64.8	−0.3	88	† 2	36	9	45	1.60	−1.33	0.88	0	3	18	2	11	ne.	W. C. Hutson.
Division means and extremes				64.4	+0.2	90	† 2	29	14	50	1.72	−1.62	1.98	0	5	19	5	7	ne	
Western Portion.																				
Aiken	Aiken	527	60	65.0	+1.7	84	2	38	9	42	0.87	−1.79	0.48	0	4	22	2	7	ne.	Frank B. McCoy.
Anderson	Anderson	764	26	61.2	−1.6	82	† 3	39	† 9	41	1.97	−0.89	1.27	0	4	22	1	8	w.	H. H. Russell.
Batesburg	Lexington	656	38	.....	.....	.....	.....	35	14	.....	0.30	−2.95	0.18	0	2	24	5	2	w.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	1.01	−1.58	0.42	0	5	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	59.4	.....	83	11	35	† 9	45	2.68	−0.17	1.76	0	2	20	5	6	e.	L. M. Parker.
Camden	Kershaw	222	74	.....	.....	[c]88	3	[d]40	22	[c]36	1.54	−1.14	1.00	0	6	25	0	6	ne.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	1.49	−2.14	1.00	0	6	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	0.83	−1.98	0.50	0	5	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	[b]59.8	−1.5	[b]81	3	[b]32	14	[b]44	2.31	−1.03	1.75	0	2	20	3	8	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	63.4	−0.6	86	3	39	9	38	0.45	−2.40	0.23	0	4	20	4	7	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	....	60.0	.....	82	3	37	14	37	1.93	.....	1.27	0	5	18	8	5	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	7	.....	.....	.....	.....	.....	.....	.....	1.16	.....	0.60	0	5	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	2.91	+0.12	1.76	0	5	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	60.6	+0.1	79	23	37	9	32	2.56	−0.40	1.81	0	7	21	7	3	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	60.2	−1.8	80	† 1	34	14	39	2.36	−0.46	1.21	0	3	24	0	7	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	63.3	+1.8	89	1	32	14	47	1.48	−1.15	0.98	0	3	22	5	3	ne.	J. Marvin Bowers.
Kershaw	Kershaw	500	5	62.6	.....	86	† 3	34	9	43	0.92	.....	0.58	0	2	23	0	8	e.	John W. Hamel.
Landrum	Spartanburg	1063	6	59.1	.....	85	23	31	† 9	49	4.44	.....	2.11	0	3	22	4	5	nw	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	3	[b]58.3	.....	[b]82	3	[b]31	14	[b]44	3.80	.....	1.35	0	6	18	5	8	.....	Perry A. Simpson.
Liberty	Pickens	900	22	59.6	- 1.8	80	†11	35	† 9	42	3.55	−0.21	1.95	0	3	22	7	2	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	61.6	−2.5	82	11	34	13	41	0.96	−2.05	0.80	0	2	26	0	5	n.	J. M. Sease, M. D.
Monetta	Saluda	400	14	64.0	−0.1	86	3	38	9	42	0.59	−2.75	0.39	0	3	18	10	3	ne.	Joseph M. Johnson.
Newberry	Newberry	502	18	62.4	−0.1	86	3	32	14	46	1.11	−1.64	0.55	0	4	19	8	4	se.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	3.42	+0.11	2.38	0	4	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	60.8	−2.1	84	3	29	14	47	0.93	−2.11	0.55	0	4	25	3	3	sw.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	59.6	−1.9	85	3	27	14	52	1.28	−1.97	0.68	0	5	23	5	3	ne.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	60.3	−0.5	84	† 3	35	14	45	3.67	+1.00	1.88	0	5	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	63.2	−1.1	85	2	39	† 9	41	0.20	−3.10	0.15	0	2	23	5	3	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	59.4	−0.5	83	11	30	9	50	3.02	+0.06	1.40	0	6	23	5	3	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	31	[i]61.6	−0.8	[i]84	3	[c]35	14	[i]41	1.61	−1.38	0.67	0	5	27	2	2	ne.	Rev. Oliver Johnson
Winthrop College ††	York	690	22	.....	.....	.....	.....	[g]33	13	[g]41	1.38	−1.53	0.62	0	6	18	7	6	n.	W. P. Goodman.
Division means and extremes				60.7	−1.6	89	1	27	14	52	1.83	−1.15	2.38	0	4	22	4	5	ne.	
Section means and extremes				62.6	−1.0	90	† 2	27	14	52	1.79	−1.23	2.38	0	4	21	4	6	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA, SEPTEMBER, 1921.

Liberty.—Mean temperature, page 34, should be 78.6. Monetta.—Highest temperature, page 34, should be 99 on †3.

Daily Precipitation for October, 1921.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah																																
Blackville ‖‖	Edisto																													.70		.10	0.80
Bowman	do			.18																						.16				.30	.67	.22	1.53
Charleston ***	Coast		T.	.69					T.							.06			.06		.08				T.	.11	.25				.03	.42	1.70
Cheraw ‖‖	Pee Dee				.27																T.									.30	.61	1.18
Conway ‖‖	Waccamaw	.03		.05	.88											.23			.02		.10					.61				.09	.61	2.62
Darlington ‖‖	Pee Dee			.08	.12																T.									.43		0.63
Effingham ‖‖	Lynches	.55		.11	T.															T.	T						T.				.40	1.06
Ferguson ‖	Santee	.27		.15	.02														.12	.14											1.06	1.76
Florence 1 ‖‖	Pee Dee	.34		.05	.28														T.	T.	.08										.90	1.65
Florence 2 ‖‖	do				.28																									.97	1.15	2.40
Garnett	Savannah	.30	.04	1.45	.13																.01					.03	.13				.18	.13	2.40
Georgetown	Coast			.51												T.	T.		T.							T.	.65					.20	1.36
Kingstree ‖‖	Black		.16		.20															.70		.09					.25					.09	1.49
Orangeburg 1	Edisto			1.07															.15												.84	.38	2.44
Orangeburg 2	do		.85																.13		.10						.15				.11	.30	1.64
Paris Island	Coast	.10		.70	.20															1.10							.70					.10	2.90
Pinopolis	Cooper			.11															.20		.10					.25				.10	.20	0.96
Rimini ‖‖	Santee	.60		.19	.30															.20						.25					1.98	3.52
Society Hill ‖‖	Due West		.04	.12																08										.32	.42	0.98
Summerville	Ashley			.15															.25		.04					T.	.31				.17	.51	1.43
Yemassee ‖‖	Ashepoo				.88																.17						T.					.55	1.60
Western Portion.																																	
Aiken	Edisto			.07																	.07									.48	.25	0.87
Anderson	Savannah	.10	.40																											1.27	.20	1.97
Batesburg ‖‖	Edisto																										T.			.18	.12	0.30
Blairs ‖‖	Broad	.26			.25																							.08		.10	.32	1.01
Calhoun Falls ‖‖	Savannah			.92																	T.									1.76		2.68
Camden ‖‖	Wateree			.08	.35															.03	.04						.04				1.00	1.54
Catawba ‖‖	Catawba				.17																.05	T.					.05	.10		.12	1.00	1.49
Chappells ‖‖	Saluda	.07		.11	.05																							.10		.50		0.83
Clemson College	Savannah			.56																										1.75		2.31
Columbia ***	Congaree		T.	T																	.02						.15			.22	.06	0.45
Due West	Savannah		.55	.06					T.												T									.73	.05	1.93
Edgefield ‖‖	Savannah	.28			.18																.05									.60	.05	1.16
Gaston Shoals ‖‖	Broad			.18	.05																.04									1.76	.88	2.91
Greenville ***	Saluda		.16	.42					.01												.04								T.	.98	.83	.12	2.56
Greenwood ‖‖	do			.42																										.73	1.21	2.36
Heath Spring	Wateree			.30																										.98	.20	1.48
Kershaw ‖‖	Lynches				.34																										.58	0.92
Landrum	Broad		T.	1.17																										2.11	1.16	4.44
Laurens ‖‖	Saluda		.06	.43	.26																									1.22	1.35	3.80
Liberty	Savannah		T.	1.40					T.										T.										T.	T.	1.95	.20	3.55
Little Mountain	Saluda																										T			.80	.16	0.96
Monetta	Edisto	.03	T.	T.																										.39	.17	0.59
Newberry	Saluda		T.	.05																	T.						.29			.55	.22	1.11
Pelzer ‖‖	do	T.		.46	.58																									2.34	.04	3.42
Saluda	do			.15																							.18			.55	.05	0.93
Santuck	Broad		T.	.19					T.								T.				.02						.03			.68	.36	1.28
Spartanburg ‖‖	do	T.		.28	.27				T.												.04									1.88	1.20	3.67
Trenton	Edisto		T.	.05																	T.						T.			.15	T.	0.20
Walhalla	Savannah		1.00	.38					.03																			.01		1.40	.20	3.02
Winnsboro ‖‖	Broad	.08			.29																T.					.10				.47	.67	1.61
Winthrop College	Catawba	.03	.04	.05																	.04									.60	.62	1.38

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	61.4	91	30	5.96	8				n.
1888	59.3	88	31	4.18	7				sw.
1889	60.8	88	27	1.65	3				n
1890	63.0	90	22	4.06					
1891	60.2	92	28	1.63					nw.
1892	63.8	89	27	0.60					ne.
1893	64.4	90	25	4.92	5	18	7	6	ne.
1894	64.2	98	33	4.95	5	20	6	5	ne.
1895	61.3	95	28	1.15	3	20	7	4	ne.
1896	61.3	91	28	1.41	4	15	8	8	ne.
1897	65.8	96	35	3.23	5	14	8	9	ne
1898	62.9	90	28	3.82	9	14	8	9	ne.
1899	64.2	91	34	5.00	6	14	7	10	ne.
1900	67.6	95	33	3.65	9	13	7	11	ne.
1901	62.4	92	29	0.89	3	22	6	3	ne.
1902	63.2	95	30	4.40	7	19	5	7	ne.
1903	62.0	93	25	2.63	5	18	6	7	n.
1904	62.4	98	26	1.10	3	23	5	3	ne.
1905	64.2	93	29	1.97	6	15	6	10	ne.
1906	61.9	90	24	3.69	7	14	6	11	ne.
1907	61.2	91	28	0.73	3	19	7	5	ne.
1908	62.0	89	35	4.22	6	19	6	6	ne.
1909	61.2	96	27	2.43	5	23	5	3	ne.
1910	66.5	100	22	4.39	6	20	7	4	ne.
1911	67.5	99	37	5.89	8	12	9	10	ne.
1912	65.0	94	32	2.21	5	18	4	9	ne.
1913	62.5	95	28	3.56	6	19	6	6	ne.
1914	64.7	92	26	3.44	8	13	7	11	ne.
1915	67.0	93	27	4.95	8	18	7	6	ne.
1916	64.0	92	31	2.54	5	16	7	8	ne.
1917	59.3	90	22	1.50	4	23	5	3	sw.
1918	67.3	93	33	3.75	5	15	8	8	ne.
1919	73.7	101	44	2.53	5	13	10	8	sw
1920	64.1	92	25	0.76	2	24	4	3	ne.
1921	62.6	90	27	1.79	4	21	4	6	ne
Period	63.6	101	22	3.02	5	18	6	7	ne.

Daily Temperatures for October, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum																																
Blackville	Maximum	84	80	86	80	80	79	81	58	60	83	84	82	80	64	72	80	83	81	82	72	73	73	75	72	82	80	83	81	79	80	78	77.6
	Minimum	72	60	60	58	40	41	46	38	40	50	51	48	40	46	42	57	52	50	53	40	39	42	43	48	47	50	52	49	46	48	53	48.4
Bowman	Maximum	86	85	87	85	72	77	80	78	75	80	85	70	65	72	76	78	80	82	84	83	83	84	83	84	85	75	74	74	73	72	71	78.6
	Minimum	58	57	57	55	37	36	38	40	38	45	46	43	40	34	54	50	46	47	48	47	46	42	40	45	58	52	51	51	53	52	53	47.1
Charleston	Maximum	78	82	87	74	68	75	76	78	72	79	84	70	63	70	66	78	74	73	80	70	65	70	74	74	73	71	69	76	74	72	77	73.9
	Minimum	69	70	71	58	49	54	59	56	50	57	61	59	50	52	61	63	61	64	64	59	51	52	58	62	67	61	57	59	62	67	59	59.4
Cheraw §§	Maximum	85	88	86	70	72	78	82	68	75	82	89	72	67	78	77	81	82	80	85	75	70	80	85	85	84	76	75	82	83	75	75	78.8
	Minimum	59	52	58	56	39	39	42	55	33	44	45	49	40	29	42	52	51	48	54	52	40	35	35	41	42	44	49	55	51	53	61	46.6
Conway	Maximum	78	85	85	74	71	78	82	76	74	83	86	72	65	75	67	81	80	79	83	73	70	76	78	83	78	73	71	79	79	71	75	76.8
	Minimum	61	65	67	56	43	41	45	49	35	45	49	56	39	39	56	60	54	52	59	57	42	36	42	42	55	55	54	55	55	62	63	51.3
Darlington §§	Maximum	81	90	87	82	74	82	85	73	76	85	90	71	66	75	68	82	82	80	88			80	87	84	87	65						[a]80.0
	Minimum	61	57	63	55	41	39	41	56	34	48	51	50	39	33	47	54	52	50	55	54		35	39	43	46	54	50					[a]48.0
Ferguson §§	Maximum	87	85	82	73	71	73	83	72	73	82	81	70	64	74	81	80	80	79	83	79	80	81	82	82	80	64	73	78	81	80	76	77.7
	Minimum	63	65	60	61	37	36	38	53	32	38	52	53	37	34	48	49	49	51	54	40	35	39	32	37	48	51	52	53	51	58	56	47.1
Florence 1	Maximum	80	86	82	70	72	82	86	72	77	86	90	70	71	64	66	72	90	84	90	79	79	80	82	89	65	73	74	80	84	80	72	78.3
	Minimum	62	59	70	59	43	42	44	60	37	53	56	54	40	38	52	56	54	56	59	56	45	39	42	54	58	54	52	56	56	62	58	52.5
Garnett	Maximum	82	88	88	74	72	79	84	70	76	84	86	74	68	70	70	81	82	81	86	77	73	80	84	80	76	70	76	80	80	74	77	78.1
	Minimum	69	63	69	61							51	55	45	44	57	62	52	53	57	59	39	36	47	48	64	59	53	54	54	68	58	[b]55.1
Georgetown	Maximum	78	85	87	81	75	81	83	80	78	85	88	78	69	74	72	81	80	80	85	76	71	78	82	79	75	72	72	80	80	76	80	78.7
	Minimum	62	65	67	63	56	46	47	61	60	50	48	57	42	45	55	60	54	55	60	56	42	37	46	46	58	56	52	55	58	60	63	54.3
Kingstree	Maximum	83	89	88	79	72	80	82	79	75	83	87	75	68	78	78	83	85	75	84	75	71	76	84	84	82	74	71	81	81	76	78	79.2
	Minimum	62	60	68	60	43	36	39	57	32	41	45	52	39	35	51	61	48	48	60	57	40	34	42	42	54	55	52	56	53	60	60	49.7
Orangeburg 1	Maximum	81	86	86	76	71	78	81	67	75	83	86	70	63	72	70	80	79	77	84	74	69	77	83	80	79	74	72	77	79	74	79	76.8
	Minimum	65	60	70	56	40	40	43	56	37	46	48	55	38	38	54	57	50	44	53	54	39	36	43	43	54	55	51	53	50	62	60	50.0
Paris Island §§	Maximum	88	84	89	78	71	73	84	78	74	81	86	79	74	71	68	80	79	71	85	81	80	79	79	79			73	78	80	78	84	[b]78.8
	Minimum	74	67	73	64	50	52	56	60	49	55	60	62	49	61	53	60	59	62	60	63	50	51	58	62	65	58	57	58	60	63	63	59.2
Society Hill §§	Maximum	80	85	89	71	72	79	81	73	75	83	88	69	62	76	68	80	65	78	80	74	72	77	81	82	84	83	71	79	84	74	80	77.3
	Minimum	55	59	58	44	40	40	46	35	40	40	51	40	33	35	52	50	50	55	53	41	33	34	43	43	49	49	50	54	54	60	49	46.3
Summerville	Maximum	79	88	86	74	70	78	83	75	74	83	86	72	66	74	65	82	82	72	82	72	70	78	82	73	77	71	71	79	82	76	77	76.7
	Minimum	66	65	70	61	41	42	45	55	37	37	52	53	44	42	58	60	54	56	61	58	44	38	48	49	61	57	53	55	58	53	60	52.7
Yemassee	Maximum	81	88	88	74	71	77	80	71	74	83	85	76	67	72	67	80	81	77	84	75	71	79	82	77	75	70	71	80	80	76	76	77.0
	Minimum	69	63	69	60	40	40	44	57	36	44	52	55	45	44	57	60	45	49	58	61	40	37	48	50	63	58	52	56	54	62	66	52.7
Western Portion.																																	
Aiken	Maximum	77	84	81	80	68	75	78	76	76	80	83	79	67	68	73	79	77	79	83	81	70	75	82	79	81	77	72	76	76	75	71	76.7
	Minimum	63	63	63	55	45	47	52	60	38	42	50	51	45	41	54	57	56	57	55	55	42	45	64	52	57	54	50	56	56	66	59	53.2
Anderson	Maximum	73	73	82	66	70	77	77	64	72	80	82	68	57	64	66	70	75	79	80	73	59	75	81	80	73	70	67	74	75	73	66	72.3
	Minimum	58	56	64	50	40	43	48	50	39	52	54	44	41	39	50	54	54	54	54	46	41	42	45	50	54	54	51	57	54	63	52	50.1
Batesburg	Maximum																																
	Minimum	65	60	59	50	36	47	50	49	48	47	50	49	41	35	48	50	53	56	57	54	56	59	62	52	53	50	53	55	59	63	65	52.6
Calhoun Falls §§	Maximum	77	79	82	63	70	76	78	71	78	80	83	69	63	68	71	78	79	80	82	71	69	74	81	82	79	64	70	78	78	75	62	74.5
	Minimum	58	54	56	48	38	39	40	46	35	38	46	40	39	36	38	42	44	46	47	49	36	35	36	39	43	48	48	48	52	52	53	44.2
Camden §§	Maximum	81	82	88	69	73			67	76	83	87	75	64	72		81	82	80	84	74	72	76	78	85	85	65	71	78	83			
	Minimum	64	64	66	60		48		63		57	54	52	45		55	61	58	57	55	58	46	40	48	52	55	55	51	54	56	64	63	[c]55.6
Clemson College	Maximum	80	72	81	72	67	73	74	61	71	79	78	79	63	66	71	77	75	75	80	80	70			79	79	75	68	73	74	73	76	[b]73.8
	Minimum	56	52	63	48	36	39	41	49	33	44	46	41	35	32	41	48	45	49	46	44	40			35	43	55	51	55	49	61	50	[b]45.8
Columbia	Maximum	75	85	86	68	70	76	79	65	74	81	85	68	62	69	68	77	78	77	83	71	68	75	81	79	80	70	72	76	77	70	73	74.8
	Minimum	65	63	68	51	43	44	50	46	39	51	54	51	45	42	55	58	52	55	56	54	43	42	43	48	55	53	51	56	56	65	55	51.9
Due West	Maximum	74	77	82	65	67	74	76	63	71	78	81	65	60	66	70	76	76	78	81	76	67	73	79	79	68	70	73	72	72	71	62	72.4
	Minimum	60	57	60	49	42	43	47	44	38	47	51	43	41	37	48	56	55	54	50	49	41	43	42	50	50	51	50	57	54	58	50	48.9
Greenville	Maximum	71	72	79	62	65	72	73	62	69	78	79	61	59	63	68	75	74	74	78	68	66	71	79	77	77	63	64	72	72	71	62	70.2
	Minimum	57	55	62	49	44	44	49	45	37	48	51	45	39	42	50	55	57	54	52	50	45	42	47	50	55	51	50	56	56	59	51	49.9
Greenwood	Maximum	80	78	78	80	65	66	72	76	62	70	78	80	65	60	65	69	75	75	76	80	70	66	71	70	80	80	60	69	73	72	70	72.0
	Minimum	59	55	62	52	41	44	48	53	40	44	51	45	42	34	38	49	50	52	54	52	45	43	45	49	48	48	44	49	52	54	59	48.4
Heath Spring	Maximum	89	80	78	80	75	74	77	76	77	79	82	80	77	79	78	78	77	78	84	80	74	72	80	79	77	73	68	70	74	71	73	77.1
	Minimum	69	68	68	55	41	45	50	48	35	36	48	47	46	32	33	47	50	54	57	47	39	46	46	49	52	53	48	50	52	62	60	49.5
Kershaw	Maximum	80	85	86	70	70	78	79	69	73	86	85	72	63	70	69	78	80	81	83	75	70	76	85	82	81	68	71	76	78	71	73	76.2
	Minimum	61	57	67	48	41	42	45	56	34	46	47	46	39	35	51	51	51	52	54	45	39	43	42	45	48	54	49	54	51	62	58	48.8
Landrum	Maximum	75	75	79	69	69	77	75	61	72	80	82	70	63	66	69	81	78	79	83	72	71	76	85	83	81	68	65	76	76	68	61	73.7
	Minimum	54	47	62	49	39	42	40	45	31	42	50	36	33	31	33	49	51	47	47	46	40	33	40	41	43	43	49	54	49	59	54	[b]71.1
Laurens §§	Maximum	73	78	82	65	66	72	75	61	75		81	64	60	65	68	75	75	77	80	69	66	71	78		79	62	69	74	74	71	57	[b]45.0
	Minimum	72	58	59	52	41	39	41	55	34	35		40	40	31	34	49	46	48	48	45	35	33	34	39		40	49	50	47	51	60	
Liberty	Maximum	75	71	79	72	68	78	75	65	72	79	80	72	61	64	70	76	74	77	80	72	67	73	78	76	77	69	70	73	74	75	68	72.7
	Minimum	56	52	61	49	37	39	43	48	35	45	47	42	39	38	42	51	46	50	49	51	35	36	46	44	44	53	50	51	52	61	53	46.4
Little Mountain	Maximum	79	75	78	74	66	73	73	75	76	78	82	75	69	67	70	75	76	77	80	74	65	66	75	80	79	71	72	74	75	70	70	73.8
	Minimum	58	59	59	55	41	47	46	41	40	49	50	47	34	35	49	54	51	54	57	50	42	46	50	51	54	48	48	53	62	57	49	49.5
Monetta	Maximum	74	85	86	80	71	77	79	76	74	81	84	80	63	69	73	78	79	82	84	79	69	77	84	80	81	78	73	75	76	73	71	77.1
	Minimum	61	58	66	55	40	42	49	57	38	46	48	49	44	40	52	55	54	54	54	51	42	42	46	52	53	52	49	56	53	64	58	51.0
Newberry	Maximum	75	84	86	74	72	76	83	70	76	81	85	76	65	71	73	80	81	83	84	78	71	77	82	83	84	76	73	77	78	74	72	77.2
	Minimum	60	66	69	54	40	42	49	40	36	43	50	45	39	32	49	55	41	52	50	42	39	36	40	44	46	50	48	56	50	64	50	47.6
Saluda	Maximum	74	81	84	75	72	77	78	70	74	75	82	75	63	69	72	78	79	79	82	74	74	75	81	80	81	75	72	71	72	73	71	75.4
	Minimum	59	55	69	54	37	38	42	55	34	35	46	47	40	29	47	55	43	48	47	35	50	33	36	41	41	51	48	47	46	65	58	46.2
Santuck	Maximum	76	72	85	70	70	76	75	64	73	81	84	72	61	68	68	72	79	81	83	72	70	71	84	82	81	68	72	76	79	73	67	74.4
	Minimum	62	57	67	53	37	38	45	48	32	41	43	43	32	27	41	49	43	48	45	45	33	32	35	38	39	53	50	52	47	62	56	44.9
Spartanburg	Maximum	74	76	84	71	69	75	77	68	73	84	82	64	61	66	68	77	77	78	82	73	69	75	81	80	80	67	68	74	76	70	64	73.6
	Minimum	59	52	63	52	38	40	44	50	36	46	48	39	38	35	44	54	49	51	48	49	39	36	41	41	45	52	49	56	50	60	54	47.0
Trenton	Maximum	75	85	83	83	68	75	78	78	78	80	83	75	64	69	72	77	80	83	81	75	76	76	81	83	81	60	73	78	78	70	67	76.3
	Minimum	65	59	54	54	42	42	50	49	39	42	52	48	43	39	45	50	53	53	54	53	44	44	50	54	54	52	48	53	54	54	57	50.6
Walhalla	Maximum	76	72	82	71	69	75	75	70	73	81	83	73	63	66	71	82	78	77	81	73	70	75	82	80	81	69	68	75	74	74	63	74.3
	Minimum	55	62	61	44	35	37	40	45	30	40	47	38	35	35	46	47	43	48	46	44	32	32	38	42	42	55	48	54	52	58	49	44.5
Winnsboro §§	Maximum	77	83	84	66	69	75	79	63	73	80	84	67	63	71	70	78		83		70	69	75	68	81								[b]74.0
	Minimum	61	58	61	53	40	45	52	53	38	39	54	47	39	35	45	54	52			49	40	43	45	59	51	59		48	53	57	62	[c]49.1
Winthrop College	Maximum	79				70				68	69			74	65	68	70				68	68	69				62	67			68	66	
	Minimum	60		68		40	46	50		37		52	45	33	35		56	56	55	58	52	42	48	50	46	54	47	48	56			54	[c]49.8

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., NOVEMBER, 1921. No. 11.

GENERAL SUMMARY.

The month was high in the group of warm Novembers, with 22 days on which the daily mean temperatures ranged 5 to 21 degrees above the daily normals. Precipitation averaged above normal, on the whole, but was badly distributed.

The cumulative soil moisture as the month progressed was generally favorable for plowing, planting, and the germination of winter cereals, and generally excellent stands were developed toward the close of the month. Heavy to killing frosts on the 11th and 13th checked growth, but the mild, open weather later in the month was favorable for wheat, oats, rye, late gardens, winter truck, and pastures, which were in generally good condition. Molasses making was practically finished about the 22d, and the fall bean harvest in the trucking districts was completed by the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.10 inches. The highest pressure was 30.51 inches at Asheville, N. C., on the 22d, and in the Section proper, 30.43 inches at Due West on the same date; the lowest pressure was 29.38 inches at Augusta, Ga., on the 1st, and in the Section proper, 29.49 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 56.9°, or 3.0° above the established normal. The highest temperature was 86° at Florence No. 1, Florence County, on the 18th and 19th, and at Darlingtan on the 19th. The warmest periods were from the 5th to the 10th and between the 14th and 28th. The lowest temperature was 24° at Landrum and Santuck on the 13th. The coldest periods were between the 2d and 4th and on the 11th, 12th, and 13th, when freezing temperatures extended to near the southern coast.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 85%; noon, 63%; 8 p. m., 73%. The greatest percentages occurred on the middle coast and in the middle Savannah drainage basin, and the lowest, in the central and northwestern counties.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 3.11 inches, or 0.81 inch above normal. There were four periods of showers, but the rainfall was more abundant in the western portion. Precipitation was poorly distributed. Along the northern coast and in the middle-western and northwestern counties, the amounts ranged from 3 to over 5 inches, while in sections of the middle Piedmont and in extensive areas of the northern and southern coastal plains the measurements ranged downward to less than 2 inches. The greatest local monthly amount was 5.61 inches at Clemson College; least local monthly amount, 1.11 inches at Pinopolis. The greatest amount in any 24 hours was 3.68 inches at Edgefield on the 27th. The number of rainy days was 40% above normal.

No snowfall was reported during the month.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 7.2 miles. The highest average velocity was 11.1 miles per hour at Savannah, Ga., and in the Section proper, 8.7 miles per hour at Charleston; the lowest average was 4.6 miles per hour at Charlotte, N. C., and in the Section proper, 5.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 44 miles from the west at Savannah, Ga., on the 28th, and in the Section proper, 36 miles per hour from the west at Greenville on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 173.6 hours, or 56% of the possible amount. The average number of clear days was 13; partly cloudy, 6, and cloudy, 11, as against normals of 17, 6, and 7 days, respectively.

RIVER CONDITIONS.

The Santee River was near or somewhat above flood stages at Rimini and Ferguson during the first week. Otherwise, the rivers of the Section were relatively low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing.—Additional number of stations reporting: 11th, 1; 13th, 22.

Hail.—Walhalla, 28.

Halos—Lunar: Charleston, 9, 13, 14; Columbia, 7, 17; Due West, 7; Liberty, 16; Walhalla, 7. *Solar:* Columbia, 6, 13; Due West, 6, 7, 8, 10, 11, 13, 30; Santuck, 3; Walhalla, 7, 24.

Thunderstorms.—Bowman, 14, 15, 16, 19, 20; Charleston, 27; Columbia, 27; Due West, 16; Garnett, 25, 27, Greenville, 9, 16, 19; Liberty, 16, 19; Santuck, 17; Summerville, 29; Walhalla, 28.

Fog, Dense.—Calhoun Falls, 15; Camden, 11, 18; Catawba, 10, 17; Columbia, 16, 17, 18, 27, 28; Conway, 27; Darlington, 16; Due West, 15, 16, 18; Greenville, 10, 17, 18, 27; Kingstree, 15, 18, 22; Liberty 18, 27; Monetta, 13, 17,; Paris Island, 7; Pelzer, 15; Santuck, 15, 18; Spartanburg, 15; Trenton, 9; Yemassee, 9.

MISCELLANEOUS DATA FOR NOVEMBER, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.11	49.8	75	25	2.31	0.49	9.2	nw.	86	59	66	48
Augusta, Ga.....	30.10	58.4	80	33	4.34	2.48	4.7	nw.	88	63	74	53
Charleston, S. C...	30.10	62.0	80	40	1.82	0.98	8.7	w.	85	64	81	74
Charlotte, N. C...	30.09	54.0	75	29	4.02	1.63	4.6	ne.	83	65	72	51
Columbia, S. C....	30.11	58.4	81	35	2.47	2.02	5.6	w.	84	60	68	53
Due West, S. C....	30.12	54.4	75	33	3.03	0.96	7.4	sw.	88	69	...	48
Greenville, S. C...	30.08	54.0	74	31	3.98	1.01	7.4	ne.	80	65	72	50
Savannah, Ga.....	30.10	63.0	82	38	1.20	0.53	11.1	w.	86	64	74	58
Wilmington, N. C.	30.10	59.6	79	32	2.22	1.46	6.4	w.	85	59	80	65
Means and extremes	30.10	57.1	82	25	2.75	2.48	7.2	w	85	63	73	56

Climatological Data for November, 1921.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on 0.01 in. or more.	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	56.9	+1.4	79	26	31	13	37	4.54	+2.49	2.50	0	6	15	8	7	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	58.6	+4.4	84	18	27	†13	46	2.39	+0.43	0.65	0	10	15	15	6	w. B. O. Evans.
Charleston	Charleston	48	50	62.0	+3.9	80	17	40	13	25	1.82	−1.05	0.98	0	6	13	9	8	w. U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	55.8	+3.8	82	18	25	13	42	2.66	+0.47	1.45	0	3	.....	.....	.....	..... Roland D. Powe.
Conway	Horry	25	33	59.6	+5.5	83	17	28	13	40	3.94	+1.66	1.39	0	8	15	2	13	ne. Paul Quattlebaum.
Darlington	Darlington	175	26	[b]58.0	+6.9	[b]86	19	[b]26	13	[b]37	1.63	−0.65	0.92	0	7	...	.....	.....	..... D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	2.77	+0.53	1.70	0	5	.....	.....	.....	..... Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	57.6	+2.5	84	18	28	13	39	3.48	+1.10	2.10	0	9	.....	.....	.....	..... Henry C. Savage.
Florence 1	Florence	136	40	59.5	+5.7	86	†18	31	13	43	2.50	+0.39	1.20	0	3	12	10	8	sw. H. K. Gilbert.
Florence 2	....do	136	6	.....	.....	.....	.....	.....	.....	.....	1.72	−0.39	1.35	0	4	13	7	10	sw. Pee Dee Experiment Sta.
Garnett	Hampton	82	3	61.3	.....	85	18	29	13	50	3.77	.....	1.98	0	10	10	9	11	w. Maner B. Robert.
Georgetown	Georgetown	12	29	61.2	+5.2	84	17	31	13	41	4.37	+1.94	2.35	0	3	20	5	5	w. A. P. Hazard.
Kingstree	Williamsburg	54	40	59.6	+4.2	84	18	26	13	45	2.15	−0.03	1.55	0	4	15	3	12	e. W. H. Matthews.
Orangeburg 1	Orangeburg	264	5	58.4	.....	82	18	30	13	44	2.40	.....	0.90	0	10	14	8	8	w. U. S. Fisheries Station.
Orangeburg 2	....do	264	1	.....	.....	.....	.....	.....	.....	.....	2.20	.....	1.50	0	6	13	9	8	w. State A. and M. College.
Paris Island	Beaufort	13	37	64.4	+5.8	81	24	41	14	38	1.40	−0.84	0.70	0	3	16	6	8	nw. U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	57.2	+2.6	79	21	33	13	...	1.11	−1.39	0.40	0	5	17	8	5	nw Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	2.70	.....	0.96	0	7	...	.....	.....	..... Boykin R. Cantey.
Society Hill	Darlington	192	31	[b]56.4	+4.2	[b]85	18	[b]25	13	[b]41	2.29	+0.02	1.40	0	6	14	7	9	sw. E. D. Fields, Jr.
Summerville	Dorchester	75	24	60.8	+5.4	84	17	32	13	42	1.67	−0.68	0.52	0	9	17	5	8	w. E. P. Lawton.
Yemassee	Hampton	24	33	61.0	+5.9	85	24	28	13	49	2.53	−0.68	1.90	0	5	19	1	10	nw. W. C. Hutson.
Division means and extremes				59.3	+4.6	86	†18	25	13	50	2.57	+0.42	2.50	0	6	15	6	9	w.
Western Portion.																			
Aiken	Aiken	527	60	58.5	+4.6	79	18	33	13	39	3.66	+0.95	1.60	0	7	18	1	11	w. Frank B. McCoy.
Anderson	Anderson	764	26	54.6	+1.8	76	24	32	13	35	2.90	+0.10	0.67	0	9	14	6	16	e. H. H. Russell.
Batesburg	Lexington	656	38	57.4	+3.7	77	19	31	13	39	3.75	+1.17	1.43	0	6	14	9	7	ne. E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	2.60	+0.26	1.16	0	9	.....	.....	.....	..... J. N. Owens.
Calhoun Falls	Abbeville	508	23	53.2	.....	76	5	29	13	46	2.95	+0.64	1.30	0	8	11	2	17	e. L. M. Parker.
Camden	Kershaw	222	74	.....	.....	.....	.....	35	30	.....	3.11	+0.66	1.24	0	6	17	0	13	w. Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	2.66	+0.22	0.65	0	11	.....	.....	.....	..... James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	2.58	+0.19	1.16	0	9	.....	.....	.....	..... George V. Champ.
Clemson College	Oconee	850	30	54.6	+4.2	77	7	28	13	41	5.61	+2.85	1.50	0	7	11	2	17	sw. Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	58.4	+4.6	81	18	35	13	42	2.47	+0.24	2.02	0	7	11	8	11	w. U. S. Weather Bureau.
Due West	Abbeville	711	....	54.4	.....	75	7	33	13	31	3.03	.....	0.96	0	11	12	4	14	sw. U. S. W. B. Aerological Sta.
Edgefield	Edgefield	....	7	.....	.....	.....	.....	.....	.....	.....	5.28	.....	3.68	0	6	...	.....	.....	..... J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	4.18	+1.61	1.15	0	11	.....	.....	.....	..... S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	54.0	+4.3	74	7	31	13	29	3.38	+0.20	1.01	0	10	12	3	14	ne. U. S. Weather Bureau.
Greenwood	Greenwood	671	38	53.9	+1.9	75	6	31	13	35	2.94	+0.19	1.02	0	8	16	0	14	w. M. M. Calhoun.
Heath Spring	Lancaster	568	20	56.5	+5.6	76	19	29	13	33	3.39	+0.82	2.00	0	6	13	4	13	w. J. Marvin Bowers.
Kershaw	Kershaw	500	5	55.8	.....	80	18	27	13	38	3.67	.....	1.62	0	10	17	0	13	w. John W. Hamel.
Landrum	Spartanburg	1063	6	54.0	.....	77	23	24	13	44	4.51	.....	1.11	0	8	12	7	11	sw. R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	3	53.4	.....	76	†17	27	13	40	1.89	.....	0.47	0	6	11	18	1	..... Perry A. Simpson.
Liberty	Pickens	900	22	53.8	+3.1	75	7	29	13	36	5.05	+2.26	1.40	0	9	14	3	13	sw. John T. Boggs.
Little Mountain	Newberry	711	29	55.8	+2.0	77	18	31	13	34	3.48	+0.97	2.61	0	6	16	0	14	s. J. M. Sease, M. D.
Monetta	Saluda	400	11	58.0	+3.5	80	23	30	13	39	3.55	+1.36	2.10	0	10	9	11	10	sw. Joseph M. Johnson.
Newberry	Newberry	502	18	56.2	+4.4	80	18	29	13	41	2.96	−0.01	0.95	0	8	11	14	5	se. Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	3.36	+1.81	0.76	0	11	...	.....	.....	..... Joshua Y. Jones.
Saluda	Saluda	536	20	56.0	+3.0	81	19	26	13	44	4.05	+1.52	2.40	0	7	15	8	7	s. Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	54.3	+3.2	78	† 8	24	13	42	2.73	−0.08	1.28	0	8	9	8	13	s. E. W. Jeter.
Spartanburg	Spartanburg	875	45	53.4	+2.7	76	† 7	27	13	36	3.43	+0.56	1.23	0	12	.....	.....	.....	..... F. P. Robinson.
Trenton	Edgefield	620	29	[d]56.0	+1.1	[d]79	19	[d]32	13	[d]35	3.80	+1.52	2.05	0	5	12	5	13	w. Mrs. S. E. Long.
Walhalla	Oconee	1061	22	53.8	+3.0	81	5	27	13	44	5.22	+2.81	1.06	0	9	13	6	11	ne. H. W. Brandt.
Winnsboro	Fairfield	545	31	[b]54.8	+2.0	[b]78	†18	30	13	[b]34	3.19	+0.95	1.15	0	9	12	6	12	ne. Rev. Oliver Johnson
Winthrop College ††	York	690	22	53.5	+1.8	74	19	32	13	31	2.18	−0.18	0.57	0	8	10	5	15	nw. W. P. Goodman.
Division means and extremes				55.2	+4.1	81	† 5	24	13	44	3.47	+0.87	3.68	0	8	13	5	12	w.
Section means and extremes				56.9	+3.0	86	†18	24	13	50	3.11	+0.81	3.68	0	7	13	6	11	w.

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for November, 1921.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖	Savannah	.....								.15							.15	.80			.84	.10						2.50					4.54
Blackville ‖	Edisto															.15	.80			.84	.10							2.50					4.54
Bowman	do	.06						.08	.10				.32	.06	.16				.18	.30							T.	.65	.48				2.39
Charleston ***	Coast	T.						.76	.22				.06					.14		T.					.08		.56					1.82
Cheraw ‖	Pee Dee	T.	.28										T.			.93			T.		T.							1.45				2.66
Conway ‖	Waccamaw	1.27	.12						.19	.05			.05	.25						.62								1.39				3.91
Darlington ‖	Pee Dee								.06				.10	.08		.12			T.	.20							.15	.92				1.63
Effingham ‖	Lynches	.86	.11					T.	T.				T.	.04							.06	T.						1.70				2.77
Ferguson ‖	Santee									.15			.12	.20		.12		.12	.06							.10	.51	2.10				3.48
Florence 1 ‖	Pee Dee	1.20															.10											1.20				2.50
Florence 2 ‖	do	.07											.25				.05											1.35				1.72
Garnett	Savannah							.02	.24				.31	.04			.30	.10	T.						.06	.03	1.98	.69				3.77
Georgetown	Coast							T.	1.77				T.	T.											T.		2.35	.25				4.37
Kingstree ‖	Black								.19	T.				.35							.06							1.55				2.15
Orangeburg 1	Edisto	.07	.02					.03	.08				.33	T.	.12	.13			.20	T.							.90	.52				2.40
Orangeburg 2	do	.15						.10					.10		.15				.20								1.50					2.20
Paris Island	Coast								60					.10													.70					1.40
Pinopolis	Cooper	.05						.30	.31				.05																			1.11
Rimini ‖	Santee		.12										.42			.10		.40	.10								.60	.96				2.70
Society Hill ‖	Pee Dee	.12											.09		.30			.04	.34							1.40						2.29
Summerville	Ashley	.04						.16	.27				.13						.52	.02					.05		.22	.26				1.67
Yemassee ‖	Ashepoo	T.							.22						.23		.18										.70	1.20				2.53
Western Portion.																																	
Aiken	Edisto	.13								.15					.39		.73	.23									1.60	.43				3.66
Anderson	Savannah	.16							.58						.16		.16	.47	.06	.43							.67	.21				2.90
Batesburg ‖	Edisto								.06							.53		.14	.29								1.48	1.30				3.75
Blairs ‖	Broad	.69	.22						.29						.04			.56			.20	.04					.41	.75				2.40
Calhoun Falls ‖	Savannah	.26	.15						.25	T.					.15	.13		1.30			.10						T.	.67				2.95
Camden ‖	Wateree		.20												.06			.79		.06							.60	1.40				3.11
Catawba ‖	Catawba	.65	.35							.20					.05			.28			.20	.10				18	.55	.65	.05			2.06
Chappells ‖	Saluda	.05	.30												.10	.05		.85	.05		.08						.30	.80				2.58
Clemson College	Savannah	.38							1.50						.35	1.50					.71						.27	.90				5.61
Columbia ***	Congaree	.13							T.	.66					.11	T.	T.	.13		T.	.02						1.68	.34				2.47
Due West ***	Savannah	.34							.12	.14					.15		.93	.03	.61	.36	.01						T.	.75	.19				3.63
Edgefield ‖	Savannah		.15								.18					.35		.92										1.90	1.78				5.28
Gaston Shoals ‖	Broad	.37	.18						.36				.13				1.15			.58							.62	.24	.05	.95	.15		4.18
Greenville ***	Saluda	.22						.11	.49				.24			1.01		T.	.50							.21	.04	.44	.09				3.38
Greenwood ‖	do	.18	.29						.23						.15	.09		1.62										.27	.80				2.94
Heath Spring	Wateree	.35							.16				.10				.47		.31							2.00							3.39
Kershaw ‖	Lynches	.07	.26						.28				.03	.05		.70		.07	.41	.18								1.62					3.67
Landrum	Broad	.35							1.11				.18			1.05		.33	T.							.45	T.	.44	.62				4.51
Laurens ‖	Saluda							.35					.12	.47		.40										.15	.40						1.89
Liberty	Savannah	.20						T.	.40				.35		.10	1.20		1.40	T.							.15	T.	.45	.50				5.65
Little Mountain	Saluda	.15							.20				.21		.10												2.61	.21					3.48
Monetta	Edisto	.13	.04						.06	.06			.21		.27	.23		.07									2.10	.38					3.55
Newberry	Saluda	.28											.19		.63	.09	.08		.69								.95	.05					2.96
Pelzer ‖	do	.22	.28						.58	.06			.12	.02		.76		T.	.32							T.	.14	.44	.42				3.36
Saluda	do	.40							.20	.10			.25		.15	.55											2.40						4.05
Santuck	Broad	.28							.22				.07	T.	.03	.63			.22								1.66	.28					2.73
Spartanburg ‖	do	.20	.22						.50	.03			.08		.02	1.23		T.	.32	T.						.32	.13	.45	.03				3.48
Trenton	Edisto	.45						T.		.18			.27		.85	T.		T.	T.								2.05						3.80
Walhalla	Savannah	.29							1.05				.35		.66	1.06		.30								.28	T.	.73	.70		T.		5.22
Winnsboro ‖	Broad		.30						.20				.05	.08		.35			.05	.04							1.35	.97					3.19
Winthrop College	Catawba	.53							.11				.03			.08			.16						28		.42	.57					2.18

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average number of days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.3	78	18	0.82	4				nw.
1888	52.7	82	22	2.77	8				
1889	54.8	84	18	3.84	6				w.
1890	58.4			0.64					
1891	51.9	82	15	2.48					ne.
1892	53.9	86	14	1.96					sw.
1893	52.9	87	15	2.11	5	14	8	8	ne.
1894	52.3	83	17	2.02	4	18	7	5	nw.
1895	54.4	88	21	2.35	6	12	8	10	ne.
1896	59.1	90	26	4.00	7	12	8	10	ne.
1897	55.3	88	23	1.99	5	16	7	7	sw.
1898	51.0	82	14	4.72	10	14	6	10	ne.
1899	55.0	86	22	2.41	5	16	6	8	ne
1900	55.6	92	22	3.32	6	13	8	9	sw.
1901	48.2	85	17	1.01	5	21	4	5	n.
1902	59.2	89	22	3.80	6	13	7	10	ne.
1903	50.9	86	10	1.40	5	14	8	8	n.
1904	51.6	80	22	2.78	6	17	6	7	w.
1905	54.5	90	21	1.31	3	17	6	7	sw.
1906	53.8	89	20	0.96	3	18	8	4	ne.
1907	52.2	87	24	4.13	10	12	7	11	ne.
1908	56.6	88	24	1.60	3	16	10	4	sw
1909	58.3	88	20	0.97	3	18	9	3	sw.
1910	51.1	85	24	1.04	4	20	6	4	w.
1911	51.2	83	19	3.30	8	13	10	7	ne.
1912	52.1	84	17	2.71	4	22	4	4	w.
1913	53.5	89	18	1.79	2	21	5	4	w.
1914	52.4	86	17	3.33	6	19	4	7	w.
1915	56.3	88	24	2.36	4	22	4	4	w.
1916	54.5	88	17	1.21	4	18	5	7	ne.
1917	50.4	83	16	0.82	4	21	4	5	ne.
1918	53.0	86	26	3.13	7	18	3	9	ne.
1919	56.6	92	20	0.86	3	18	6	6	ne.
1920	52.3	87	18	3.62	6	18	4	8	ne
1921	56.9	86	24	3.11	7	13	6	11	w.
Period	53.9	92	10	2.30	5	17	6	7	ne.

Daily Temperatures for November, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum	62	60	68	75	72	74	70	71	68	68	54	56	58	60	60	66	67	73	74	63	59	58	63	75	77	79	76	69	65	68	....	66.9
Blackville	Maximum	62	60	68	75	72	74	70	71	68	68	54	56	58	60	60	66	67	73	74	63	59	58	63	75	77	79	76	69	65	68	....	66.9
	Minimum	48	47	38	43	43	44	50	56	59	48	35	43	31	40	42	51	57	60	65	51	46	48	40	51	49	46	56	45	36	40	....	46.9
Bowman	Maximum	70	69	71	78	80	78	77	76	77	71	70	65	68	70	68	67	70	84	80	70	74	74	75	80	79	78	68	60	66	70	....	72.8
	Minimum	50	45	38	34	42	41	40	54	62	54	35	40	27	55	52	50	52	53	54	48	43	40	37	44	45	50	47	40	35	27	....	44.5
Charleston	Maximum	67	66	68	65	75	72	72	68	72	73	67	58	62	72	67	74	80	74	79	76	63	65	73	76	73	66	77	68	63	68	....	70.0
	Minimum	54	53	52	47	50	54	57	60	61	57	47	46	40	53	58	58	63	65	65	54	49	50	54	61	59	53	60	47	45	45	....	53.9
Cheraw §§§	Maximum	63	65	65	67	75	70	72	65	65	70	65	60	65	66	74	74	78	82	80	70	65	70	68	68	65	70	65	63	70	65	....	68.7
	Minimum	47	47	47	35	33	40	46	47	42	47	35	38	25	41	45	45	47	58	62	58	43	36	35	35	40	46	47	56	37	31	....	43.0
Conway	Maximum	67	67	69	68	78	74	74	71	70	74	69	58	60	66	71	75	83	82	81	76	61	66	76	80	73	75	69	68	63	72	....	71.2
	Minimum	49	49	43	38	41	45	55	54	58	57	41	44	28	45	57	50	57	57	56	52	47	44	43	41	59	47	52	53	44	32	....	47.9
Darlington §§	Maximum	....	....	....	....	....	71	72	69	74	78	70	62	63	65	72	75	84	....	86	60	61	70	....	....	....	73	70	64	69	74	....	[a]70.6
	Minimum	....	....	....	....	....	....	47	52	54	50	37	39	26	38	45	45	55	57	62	59	44	36	34	....	....	47	47	55	40	31	....	[b]45.5
Ferguson §§§	Maximum	65	66	68	67	75	79	75	73	68	72	62	62	63	72	64	79	82	84	80	70	51	63	77	81	69	58	70	58	60	69	....	69.4
	Minimum	49	48	43	36	36	39	40	50	55	55	35	44	28	37	51	53	55	55	63	54	47	40	45	45	56	50	52	48	37	30	....	45.9
Florence 1	Maximum	64	70	69	74	85	74	72	74	70	74	71	72	65	69	72	75	85	86	86	61	64	70	85	81	80	75	70	63	70	66	....	73.1
	Minimum	53	49	45	42	44	45	46	45	45	44	44	43	31	38	42	49	60	62	61	48	43	40	41	42	43	48	49	56	41	37	....	45.9
Garnett	Maximum	69	65	69	71	79	79	75	71	75	70	67	59	66	79	76	71	80	85	81	74	64	73	79	83	79	73	81	69	66	73	....	73.4
	Minimum	48	48	37	40	41	40	52	54	61	53	37	45	29	49	56	61	58	57	65	59	48	44	47	53	58	55	53	46	41	40	....	49.2
Georgetown	Maximum	70	70	70	71	80	80	72	72	73	75	69	70	60	70	76	74	84	82	83	82	70	68	75	82	63	74	72	64	66	73	....	73.6
	Minimum	50	49	44	39	45	44	54	53	53	57	43	45	31	47	56	52	59	57	68	59	46	45	46	50	50	59	53	51	39	34	....	49.3
Kingstree	Maximum	66	68	69	69	79	76	76	75	73	73	69	59	64	69	68	75	83	84	82	78	57	66	79	80	73	75	72	67	65	71	....	72.0
	Minimum	48	48	42	34	38	40	52	52	57	58	37	45	26	46	55	51	57	55	62	52	45	37	36	41	56	49	49	46	39	29	....	46.1
Orangeburg 1	Maximum	64	66	67	69	81	76	76	72	75	71	66	60	62	69	69	67	81	83	80	78	56	63	74	81	72	66	70	66	65	71	....	70.5
	Minimum	48	49	42	37	42	42	51	54	57	52	38	45	30	41	54	52	58	57	56	51	45	37	37	44	56	50	48	46	42	31	....	46.4
Paris Island §§§	Maximum	68	67	69	68	80	76	72	71	74	76	76	63	79	78	73	74	82	83	89	83	69	81	73	84	79	71	73	71	71	70	....	74.5
	Minimum	54	45	46	44	48	51	55	58	61	60	43	54	43	41	58	59	60	63	68	64	49	49	63	61	53	55	56	58	57	56	....	54.4
Society Hill §§§	Maximum	61	62	68	69	78	72	71	71	69	72	67	56	59	64	65	73	80	85	82	60	60	....	76	78	73	70	68	68	65	70	....	[a]69.4
	Minimum	....	43	41	37	37	39	48	48	48	50	36	38	25	33	42	49	52	60	63	59	44	36	....	39	40	42	43	53	40	34	....	[b]43.5
Summerville	Maximum	69	59	68	69	79	78	71	71	72	73	68	60	63	74	66	76	84	83	82	82	65	68	78	83	68	69	76	71	66	71	....	72.1
	Minimum	48	48	41	40	41	45	53	53	59	56	51	40	32	48	53	58	59	59	62	61	48	44	46	54	59	52	53	47	39	33	....	49.4
Yemassee	Maximum	67	60	68	71	78	76	78	71	74	70	66	59	65	77	74	73	84	83	81	79	63	71	79	85	76	73	81	71	69	72	....	73.1
	Minimum	47	48	41	38	42	42	52	52	59	54	36	41	28	48	56	60	57	57	63	60	48	42	46	52	58	56	53	58	41	31	....	48.9
Western Portion.																																	
Aiken	Maximum	61	64	64	66	78	75	72	71	71	70	63	58	60	63	68	68	73	79	78	75	58	68	76	78	73	70	65	61	65	66	....	68.6
	Minimum	47	47	41	39	46	42	48	58	58	51	34	42	33	44	57	58	60	61	65	54	44	43	45	58	51	49	51	43	48	36	....	48.4
Anderson	Maximum	63	63	62	69	76	68	75	75	57	63	63	63	47	52	65	59	64	67	67	66	66	71	73	76	61	56	56	54	52	54	....	63.4
	Minimum	49	45	40	41	48	47	48	56	48	45	35	36	32	42	49	52	53	59	59	49	42	42	42	42	49	52	52	44	37	36	....	45.7
Batesburg	Maximum	70	75	74	72	76	68	72	67	68	68	69	70	51	60	62	63	67	66	77	71	54	55	62	67	57	59	62	60	52	56	....	65.0
	Minimum	60	65	62	61	50	49	51	56	55	53	35	38	31	42	51	55	57	60	65	54	42	39	44	50	52	50	42	43	38	40	....	49.8
Calhoun Falls §§§	Maximum	60	64	63	67	76	66	72	68	66	63	60	53	55	54	74	62	70	75	73	58	62	67	74	74	70	56	62	48	65	64	....	64.7
	Minimum	47	44	37	36	36	46	45	46	48	44	30	31	29	32	42	49	52	55	57	54	44	37	38	38	39	44	44	42	35	30	....	41.7
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	50	48	48	46	45	45	49	55	55	53	41	45	34	39	52	51	55	62	66	45	47	36	40	48	56	48	50	45	41	35	...	47.7
Clemson College	Maximum	63	64	62	67	76	76	77	72	60	63	63	59	52	52	70	62	68	73	68	68	65	70	75	75	67	59	58	59	58	66	....	65.6
	Minimum	50	44	37	35	40	40	45	50	50	44	31	38	28	42	46	52	53	60	60	50	40	38	35	39	54	46	50	44	34	29	....	43.5
Columbia	Maximum	58	65	67	68	78	68	74	69	71	67	64	53	57	62	70	65	76	81	80	69	58	69	80	79	71	66	64	63	66	71	....	68.3
	Minimum	49	50	46	42	50	49	51	58	56	50	38	41	35	50	57	54	60	63	66	45	45	39	38	43	51	49	53	45	41	39	....	48.4
Due West	Maximum	55	64	62	66	74	61	75	62	62	62	59	51	50	52	67	57	67	74	73	64	62	67	73	72	65	55	62	61	64	65	....	63.4
	Minimum	48	45	42	37	48	46	47	52	49	42	33	37	33	43	50	53	56	59	63	46	44	42	42	43	49	45	52	44	37	35	....	55.4
Greenville	Maximum	54	59	61	65	74	61	74	61	57	62	58	50	48	56	67	55	66	71	69	61	63	67	74	72	63	53	56	56	64	66	....	62.1
	Minimum	49	46	43	40	49	47	50	50	48	44	38	37	31	42	47	50	54	60	61	46	42	41	45	47	47	45	51	44	39	43	....	45.9
Greenwood	Maximum	61	54	60	62	65	75	63	73	64	64	61	60	50	52	53	65	61	67	75	75	60	60	65	67	70	70	58	63	50	63	....	62.9
	Minimum	48	40	40	40	40	43	48	52	50	48	31	34	31	40	43	50	54	57	61	58	44	40	40	45	55	45	45	45	38	38	....	44.9
Heath Spring	Maximum	70	65	64	64	73	78	72	69	65	66	65	64	60	62	68	66	70	75	76	73	68	66	75	74	73	70	64	63	63	67	....	68.1
	Minimum	46	46	40	40	47	46	42	56	50	45	38	37	29	36	52	47	56	61	60	51	42	40	44	45	44	43	50	39	39	36	....	44.9
Kershaw	Maximum	60	62	63	67	75	67	71	68	64	67	62	53	57	61	71	66	72	80	79	70	60	70	68	75	68	66	64	63	63	69	....	66.7
	Minimum	48	46	40	37	46	43	47	54	51	51	37	38	27	42	54	46	57	60	62	45	43	39	39	39	49	44	51	42	39	33	....	64.2
Landrum	Maximum	54	60	65	70	75	66	75	63	56	61	60	53	49	55	70	60	71	70	68	68	64	70	77	74	68	55	57	57	66	68	....	64.2
	Minimum	49	45	40	41	42	42	45	45	48	46	38	38	24	40	43	44	50	59	60	45	37	33	45	39	50	45	50	41	41	47	...	43.9
Laurens §§§	Maximum	54	62	62	65	74	62	75	62	60	63	60	51	52	66	67	75	76	75	76	57	60	66	74	73	64	57	62	52	65	67	....	64.5
	Minimum	48	42	40	34	35	40	47	51	46	43	32	34	27	34	45	53	55	56	55	56	44	34	34	35	41	46	47	46	38	29	...	42.3
Liberty	Maximum	57	63	64	67	70	66	75	68	61	64	62	52	48	53	67	61	67	72	69	67	63	66	72	72	69	55	57	58	64	61	....	63.7
	Minimum	50	43	39	35	42	44	48	50	54	43	31	38	29	42	46	50	50	59	62	51	46	36	38	42	55	45	51	45	32	31	....	44.0
Little Mountain	Maximum	58	63	62	65	70	73	71	70	64	66	62	56	52	57	59	63	70	77	73	70	60	63	71	74	74	59	64	63	62	66	....	65.2
	Minimum	45	46	43	41	45	48	49	50	49	50	35	40	31	45	50	50	55	63	60	50	43	37	46	50	51	44	51	43	39	39	....	46.3
Monetta	Maximum	60	63	66	67	78	72	75	73	70	68	62	58	58	61	72	67	72	79	78	73	57	68	80	76	72	64	64	63	65	71	....	68.4
	Minimum	46	47	42	40	48	47	49	58	57	50	35	41	30	46	57	57	58	62	63	51	45	41	44	46	55	46	52	44	39	36	....	47.7
Newberry	Maximum	71	70	67	68	78	67	69	66	66	67	56	65	58	58	65	69	64	80	79	77	60	69	77	75	72	60	65	66	69	70	....	68.3
	Minimum	50	50	43	36	44	44	51	58	50	48	38	34	29	31	50	55	50	56	63	48	44	36	36	38	42	45	48	44	38	39	....	44.4
Saluda	Maximum	60	65	66	67	77	78	72	70	67	65	62	55	56	59	71	64	71	74	81	80	69	67	75	78	75	61	65	65	64	69	....	68.3
	Minimum	48	46	45	46	34	36	39	59	53	50	31	40	26	44	55	50	56	63	60	51	45	34	38	34	35	46	49	45	36	30	..	43.7
Santuck	Maximum	57	67	65	68	76	80	75	78	61	67	62	53	53	56	68	59	69	77	78	69	62	70	71	74	70	58	65	67	66	66	..	66.4
	Minimum	48	43	44	34	40	39	46	55	49	45	31	34	24	40	59	44	53	54	59	47	44	33	32	32	42	45	50	44	37	27	..	42.2
Spartanburg	Maximum	55	62	62	66	75	66	76	59	59	62	60	54	49	56	66	59	69	72	76	68	61	67	73	74	70	57	58	58	65	66	..	64.0
	Minimum	48	45	42	39	43	42	48	50	47	45	35	39	27	41	41	45	50	60	60	45	38	38	40	42	52	44	51	45	41	33	....	[c]43.9
Trenton	Maximum	58	64	64	70	75	73	73	71	68	63	60	61	57	60	66	69	70	78	79	72	72	66	....	....	....	....	....	45	39	40	44	[c]46.4
	Minimum	47	48	46	42	43	45	46	58	58	49	34	38	32	43	56	60	61	58	62	44	44	42	....	....	....	....	....	....	....	....	....	....
Walhalla	Maximum	58	67	67	71	81	65	78	67	63	64	63	55	51	53	73	59	69	74	67	65	65	69	77	77	61	55	57	57	68	69	....	65.3
	Minimum	48	44	35	34	37	39	43	46	49	39	29	32	27	41	42	52	53	58	60	50	44	36	38	41	54	44	50	42	31	30	....	42.3
Winnsboro §§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	51	52	57	63	65	72	78	78	58	59	67	76	76	67	62	64	59	62	60	[c]64.3
	Minimum	48	46	43	39	45	45	46	55	51	50	37	39	30	37	50	48	51	59	62	55	45	39	42	48	47	45	46	48	36	37	....	45.3
Winthrop College	Maximum	56	65	67	65	68	65	68	61	60	64	62	54	50	56	62	60	66	70	74	72	62	60	58	68	64	60	64	58	64	60	....	62.9
	Minimum	42	44	37	38	37	44	42	54	47	46	40	40	32	35	48	48	52	56	57	45	42	37	44	44	60	45	48	43	42	35	....	44.1

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., DECEMBER, 1921. No. 12.

GENERAL SUMMARY.

The month was high in the group of warm Decembers. The warm and cool periods were numerous, but of short duration, with notable subnormal temperatures generally on but three dates. Precipitation was less than half the normal and rather poorly distributed.

The mild, open weather was generally favorable for winter cereals and truck crops. Wheat, oat, and rye sowing was completed about the 20th, and good to excellent stands were developed. Cabbage, turnips, lettuce, and other winter truck were in good condition generally, and general growth was not checked until the freezing temperatures at the close of the month, which extended nearly to the lower coast.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.11 inches. The highest pressure was 30.66 inches at Wilmington, N. C., on the 16th, and in the Section proper, 30.61 inches at Columbia and Due West on the same date; the lowest pressure was 29.48 inches at Charlotte, N. C., on the 13th, and in the Section proper, 29.53 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 50.3°, or 4.0° above the normal. The highest temperature was 80° at Paris Island on the 4th. There were 6 short warm periods during the month, when the daily mean temperatures ranged 5° to 20° above normal. The lowest temperature was 20° at Kingstree on the 31st. There were 7 short cool periods, but temperatures were generally below normal on but 3 days. Freezing temperatures had not reached the lower coast by the close of the month.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 57%; 8 p. m., 65%. The highest percentages occurred along the coast, and the lowest, over the northwestern counties.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 1.54 inches, or 1.82 inches below the normal. There were five short periods of rainfall, but the amounts were rather poorly distributed. In a large part of the coastal plain the total monthly amounts were less than 1 inch; elsewhere, the measurements ranged upward from 1 inch to over 3 inches. The greatest local monthly amount was 3.37 inches at Walhalla, and the least local monthly amount was 0.31 inch at Yemassee. The greatest amount during any 24 hours was 1.50 inches at Walhalla on the 17th. The average number of rainy days was 29% below normal.

There was no snowfall during the month.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.5 miles. The highest average velocity was 12.3 miles per hour at Savannah, Ga., and in the Section proper, 10.7 miles per hour at Charleston; the lowest average was 5.5 miles per hour at Augusta, Ga., and in the Section proper, 6.8 miles per hour at Columbia. The highest velocity for any 5-minute period was 45 miles per hour from the southwest at Savannah, Ga., on the 4th, and in the Section proper, 42 miles per hour from the west at Greenville on the 14th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 186.8 hours, or 61% of the possible amount. The average number of clear days was 16; partly cloudy, 7, and cloudy, 8, as against normals of 14, 7, and 10 days, respectively.

RIVER CONDITIONS.

The rivers of the Section were uniformly low during the month, except rather high stages in the upper Santee River during the first week.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing.—Additional number of stations reporting: 19th, 1; 30th, 4.

Halos—Lunar: Charleston, 11; Columbia, 9, 11, 15; Due West, 11, 12; Liberty, 16, 18; Walhalla, 19. *Solar:* Columbia, 1, 7, 19, 23, 26; Due West, 1, 7, 12, 13, 16, 23, 25; Greenville, 7, 16, 19, 31.

Thunderstorms.—Calhoun Falls, Due West, Greenville, and Walhalla, 17; Liberty, Monetta, Santuck, and Trenton, 18.

Fog, Dense.—Calhoun Falls, Charleston, Columbia, Conway, Due West, Garnett, Greenville, Kingstree, Liberty, Monetta, and Walhalla, 24.

ERRATA.

JUNE, 1921.—Temperature, text, page 21, mean should be 79.2° and departure, +1.7°.

MISCELLANEOUS DATA FOR DECEMBER, 1921.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.12	43.2	67	23	1.38	0.81	10.7	nw.	77	53	63	52
Augusta, Ga.	30.14	52.6	74	29	0.93	0.36	5.5	nw.	83	59	65	66
Charleston, S. C.	30.11	55.0	76	36	0.51	0.20	10.7	w.	78	54	72	74
Charlotte, N. C.	30.09	47.1	69	28	2.66	1.54	5.8	sw.	78	60	64	59
Columbia, S. C.	30.12	51.2	73	30	1.21	0.80	6.8	w.	82	52	58	56
Due West, S. C.	30.13	48.6	69	26	1.46	0.65	9.0	sw.	82	55	...	56
Greenville, S. C.	30.08	48.0	67	28	2.80	1.33	8.7	sw.	75	56	60	62
Savannah, Ga.	30.11	56.2	76	36	0.61	0.25	12.3	w.	83	66	72	60
Wilmington, N. C.	30.11	50.4	73	28	1.54	0.64	7.2	w.	79	58	68	61
Means and extremes	30.11	50.3	76	23	1.46	1.54	8.5	w.	80	57	65	61

Climatological Data for December, 1921.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	54.2	+6.9	78	25	27	†30	38	0.35	−3.13	0.20	0	2	30	0	1	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. O. Evans.
Charleston	Charleston	48	50	55.0	+3.7	76	24	36	30	28	0.51	−2.64	0.21	0	6	14	11	6	w.	U. S. Weather Bureau.
Cheraw	Chesterfield	141	40	48.1	+4.4	72	17	24	31	37	1.72	−1.54	1.18	0	3	.....	.....	..	.....	Roland D. Powe.
Conway	Horry	25	33	51.0	+4.1	75	†24	22	31	43	1.26	−1.94	0.66	0	7	16	2	13	nw.	Paul Quattlebaum.
Darlington	Darlington	175	26	[f]50.0	+4.8	[f]77	3	[d]23	31	[f]43	1.39	−1.40	0.62	0	4	21	1	9	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	1.31	−1.99	0.40	0	4	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	50.1	+1.9	77	3	28	† 6	45	0.89	−2.14	0.28	0	5	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	50.8	+5.9	74	14	28	30	42	1.06	−1 72	0.39	0	6	17	10	4	ne.	H. K. Gilbert.
Florence 2	do	136	6	.....	.....	.....	.....	.....	.....	.....	1.35	−1.43	0.51	0	4	18	9	4	w.	Pee Dee Experiment Sta.
Garnett	Hampton	82	3	54.3	.....	77	3	24	31	43	0.45	.....	0.19	0	8	16	6	9	w.	Maner B. Robert.
Georgetown	Georgetown	12	29	53.2	+4.2	79	†14	24	31	43	1.51	−2.04	0.53	0	4	19	7	5	nw	A. P. Hazard.
Kingstree	Williamsburg	54	40	51.6	+3.9	76	14	20	31	46	0.64	−2.48	0.23	0	5	21	2	8	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	5	53.0	.....	75	14	24	31	40	0.61	.....	0.25	0	7	14	4	3	w.	U. S. Fisheries Station.
Orangeburg 2	do	264	1	.....	.....	.....	.....	.....	.....	.....	1.67	.....	0.50	0	5	16	7	8	nw.	State A. and M. College.
Paris Island	Beaufort	13	37	57.5	+5.7	80	4	35	31	43	1.40	−1.40	0.90	0	3	13	9	9	nw	U. S. Marine Corps.
Pinopolis **	Berkeley	54	73	52.7	+5.3	76	25	32	19	.....	1.40	−1.56	0.65	0	4	14	11	6	nw	Miss E. P. Ravenel.
Rimini	Clarendon	97	7	.....	.....	.....	.....	.....	.....	.....	1.25	.....	0.42	0	4	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	[a]47.6	+2.6	[a]73	17	25	31	[a]27	1.85	−1.41	1.22	0	5	18	5	8	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	53.4	+4.5	78	24	25	31	41	0.75	−2.80	0.25	0	7	18	6	7	w.	E. P. Lawton.
Yemassee	Hampton	24	33	54.2	+6.5	77	† 3	24	31	42	0.31	−2.90	0.15	0	3	19	3	9	nw.	W. C. Hutson.
Division means and	extremes	.....	.....	52.3	+4.9	80	4	20	31	46	1.08	−2.11	1.22	0	5	18	6	7	w.	
Western Portion.																			
Aiken	Aiken	527	60	53.2	+6.0	73	14	29	30	36	0.83	−2.92	0.41	0	3	21	1	9	ne.	Frank B. McCoy.
Anderson	Anderson	764	26	[a]48.4	+4.4	[a]62	†20	27	30	[a]35	1.59	−3.19	0.77	0	3	16	2	13	w.	H. H. Russell.
Batesburg	Lexington	656	38	49.9	+4.2	69	† 4	28	30	33	2.10	−1.86	1.14	0	4	16	13	2	nw	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	1.54	−2.46	0.52	0	6	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	47.4	.....	73	4	26	31	43	1.23	−3.19	0.47	0	4	15	6	10	e.	L. M. Parker.
Camden	Kershaw	222	74	[a]50.9	+1.4	[a]74	3	31	30	[a]36	2.14	−1.32	1.10	0	7	19	2	10	w.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	1.79	−2.51	0.83	0	7	.....	.....	.....	.....	ames C. Faris
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	1.89	−2.88	0.70	0	6	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	50.2	+7.6	70	25	23	30	41	2.79	−2.34	1.05	0	5	17	5	9	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	35	51.2	+4.0	73	3	30	30	31	1.21	−1.69	0.80	0	6	13	8	10	w.	U. S. Weather Bureau.
Due West	Abbeville	711	...	48.6	.....	69	14	26	30	28	1.46	.....	0.65	0	6	11	9	11	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	7	.....	.....	.....	.....	.....	.....	.....	1.27	.....	0 90	0	2	..	..	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	2.04	−2.64	0.71	0	7	...	...	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	48.0	+6.8	67	3	28	30	26	2.80	−1.95	1.33	0	6	13	8	10	w.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	47.8	+5.5	70	15	25	†30	36	1.27	−3.21	0.65	0	4	20	0	11	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	49.2	+7.2	67	14	27	30	33	1.16	−3.10	0.60	0	4	17	5	9	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	5	49.4	.....	71	4	26	30	39	0.93	.....	0.45	0	4	17	0	14	w.	John W. Hamel.
Landrum	Spartanburg	1063	6	47.0	.....	69	† 1	26	†10	36	3.13	.....	0.86	0	7	11	11	6	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	3	46.2	.....	69	14	23	30	41	1.50	.....	0.77	0	4	13	14	4	.....	Perry A. Simpson.
Liberty	Pickens	900	22	48.2	+5.4	67	3	26	30	32	3.01	−3.20	1.02	0	6	15	9	7	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	49.7	+4.1	69	14	27	30	34	1.51	−1.78	0.65	0	5	16	4	11	w.	J. M. Sease, M. D.
Monetta	Saluda	400	14	52.1	+5.8	74	3	28	30	40	1.71	−1.71	0.94	0	6	11	13	7	w.	Joseph M. Johnson.
Newberry	Newberry	502	18	50.2	+3.6	73	4	29	30	39	1.61	−1.31	4.11	0	3	16	8	7	w.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	1.76	−3.70	0.42	0	6	...	...	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	47.6	+1.9	70	2	24	30	34	2.36	−1.65	0.96	0	3	21	6	4	w.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	47.4	+4.2	72	14	22	30	46	1.61	−2.67	0.69	0	6	15	9	7	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	47.4	+4.8	70	14	26	30	36	2.31	−1.89	0.85	0	7	...	...	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	51.2	+4 2	71	4	28	30	39	1.63	−1.36	0.80	0	4	17	7	7	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	48.0	+4.7	69	† 2	22	30	40	3.37	−0.99	1.50	0	5	15	9	7	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	31	48.2	+5.6	69	† 1	26	30	35	1.41	−2.68	0.63	0	6	19	5	7	ne.	Rev. Oliver Johnson
Winthrop College ††	York	690	22	46.6	+3.5	66	† 2	28	29	33	2.08	−2.51	0.95	0	4	17	5	9	n.	R. F. Gooding.
Division means and	extremes	.....	....	49.0	+4.8	74	3	22	30	46	1.84	−2.54	1.50	0	6	16	7	8	w.	
Section means and	extremes	.....	....	50.3	+4.0	80	4	20	31	46	1.54	−1.82	1 50	9	5	16	7	8	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for December, 1921.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah																																
Blackville ‖‖	Edisto		.20																.15														0.35
Bowman	do																																
Charleston ***	Coast		.20						.03	T.								.09	.05							.01		.13		T.			0.51
Cheraw ‖‖	Pee Dee		T	.18		T.													1.18							.36				T.			1.72
Conway ‖‖	Waccamaw		.21	.09		T.				.05								.04	.62							.20				.05	T.		1.26
Darlington ‖‖	Pee Dee			.32		.20													.62											.25			1.39
Effingham ‖‖	Lynches			.39		.25				T.									.40							.27				T.			1.31
Ferguson ‖‖	Santee			.28	.05					.06										.28						.22	T.						0.89
Florence 1 ‖‖	Pee Dee		.05	.20		.14													.39							.21				.07			1.06
Florence 2 ‖‖	do		.17			.51													.32							.35							1.35
Garnett	Savannah		.09		.01				.03	.06								.01	.19						.03		.03						0.45
Georgetown	Coast		.38															.35	.53							T.		.25		T.			1.51
Kingstree ‖‖	Black		.14	.12		.11	T.												.23											.04			0.64
Orangeburg 1	Edisto		.23		.01				.04	.02									.25							.03				.03			0.61
Orangeburg 2	do		.32		.50				.50									.15							.20								1.67
Paris Island	Coast		.90																.30									.20						1.40
Pinopolis	Cooper		.65															.45									.10		.20				1.40
Rimini ‖‖	Santee			.33						.18									.32											.42				1.25
Society Hill ‖‖	Pee Dee		.06							.23									1.22							.28				.06				1.85
Summerville	Ashley		.25		.03				T.	.05								.02	.20						.09		.11							0.75
Yemassee ‖‖	Ashepoo		T.	.15																.06							.10							0.31
Western Portion.																																	
Aiken	Edisto		.27		.15														.41															0.83
Anderson	Savannah		.33																.77							.49								1.59
Batesburg ‖‖	Edisto		.15	.59		.22				T.									1.14											T.				2.10
Blairs ‖‖	Broad		.52	.30		.10													.50							.08				.04				1.54
Calhoun Falls ‖‖	Savannah		.45		.16														.47							.15								1.23
Camden ‖‖	Wateree		.20	.12		.40				.06									1.10								.20				.06			2.14
Catawba ‖‖	Catawba		.83	.22	.05														.42							.22	.03			.02				1.79
Chappells ‖‖	Saluda		.50	.26	.05	.08													.70								.30							1.89
Clemson College	Savannah		.52		.25													1.05						.95						.02				2.79
Columbia ***	Congaree		.17		.20				T.									.79	.01		T.			T.	.02					.02				1.21
Due West***	Savannah		.59		.13				.01									.65			T		T.		.03	.05				T.				1.46
Edgefield ‖‖	Savannah					.37													.90																1.27
Gaston Shoals ‖‖	Broad		.41		.02	.13				.04									.71							.69				.04				2.04
Greenville ***	Saluda		.46		.21				T.									.78						.75	.59				.01					2.80
Greenwood ‖‖	do		.49	.11	.02														.65																1.27
Heath Spring	Wateree		.34		.07													.60							.15										1.16
Kershaw ‖‖	Lynches		.10	.19															.45								.19								0.93
Landrum	Broad		.74		.12				.02									.49	.86						.32	.58									3.13
Laurens ‖‖	Saluda		.77		.09														.50							.14									1.50
Liberty	Savannah		.30		.24				T									.20	.45		T.	T.			.80	1.02				T.				3.01
Little Mountain	Saluda		.44		.10													.27	.65							.05								1.51
Monetta	Edisto		.24		.39				.02									.07	.94							.05								1.71
Newberry	Saluda		1.11		.25													.25																1.61
Pelzer ‖‖	do		.40	.02	.04	.08													.52						T.	.70				T.				1.76
Saluda	do		.96		.45														.95																2.36
Santuck	Broad		.69		.10				T.					T.				.02	.47							.29				.04				1.61
Spartanburg ‖‖	do	T.	.30	.12	.05	.12				T.				T.					.85		T.					.85	T.			.02				2.31
Trenton	Edisto		.33		.40				T.									T.	.80							.10				T.				1.63
Walhalla	Savannah		.53		.20													1.50							1.11					.03				3.37
Winnsboro ‖‖	Broad		.33			.23													.63							.09	.17			.03				1.41
Winthrop College	Catawba		.67		.09													.37								.95								2.08

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR DECEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	44.9	76	18	4.65	10				ne.-e.
1888	42.7	71	13	3.56	7				
1889	55.4	79	17	0.53	1				sw.
1890	45.9			2.25					
1891	49.9			1.91					
1892	47.1	76	6	2.45					
1893	47.2	79	17	3.05	6	17	7	7	sw.
1894	48.1	85	− 1	2.56	7	15	8	8	nw.
1895	46.1	80	15	3.04	6	16	7	8	nw.
1896	44.0	83	8	3.55	7	17	6	8	ne.
1897	47.6	82	21	2.40	8	11	8	12	ne
1898	45.9	77	9	2.84	8	12	7	12	nw.
1899	44.6	79	11	2.33	7	15	8	8	nw.
1900	45.5	79	18	5.64	8	14	7	10	n.
1901	44.0	80	2	5.01	11	13	5	13	n.
1902	46.8	85	10	4.26	7	14	6	11	nw.
1903	41.0	72	10	1.95	6	20	5	6	w.
1904	45.5	78	16	2.79	9	14	5	12	w.
1905	45.2	77	16	7.25	10	12	4	15	ne.
1906	48.0	89	11	3.25	7	14	8	9	sw.
1907	46.2	75	12	5.81	10	14	7	10	w.
1908	50.6	83	23	2.84	7	13	9	9	w.
1909	42.8	84	7	2.81	7	17	7	7	nw.
1910	42.0	76	12	2.36	5	18	7	6	w.
1911	49.8	85	18	4.94	9	11	7	13	ne.
1912	48.8	79	18	2.88	8	12	5	14	sw.
1913	47.8	77	16	4.25	9	10	7	14	w.
1914	43.9	80	11	4.80	13	6	6	19	ne
1915	44.2	79	17	3.27	7	18	5	8	w.
1916	46.7	79	11	2.43	9	16	6	9	w.
1917	37.7	82	−6	1.47	6	15	6	10	ne.
1918	50.8	82	17	5.35	9	12	6	13	w.
1919	46.5	87	15	3.45	6	16	6	9	ne.
1920	46.1	75	18	4.01	8	15	5	11	w.
1921	50.3	80	20	1.54	5	16	7	8	w.
Period	46.3	89	−6	3.36	7	14	7	10	w.

Daily Temperatures for December, 1921.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum																																
Blackville	Maximum	68	72	71	64	62	64	62	73	64	65	75	70	69	69	71	70	72	62	68	70	69	70	70	75	78	70	59	61	65	55	61	67.5
	Minimum	41	41	44	42	44	40	38	45	46	46	45	43	40	41	42	45	46	34	36	40	39	41	39	45	43	38	41	42	42	27	27	40.8
Bowman	Maximum																																
	Minimum																																
Charleston	Maximum	72	70	72	73	58	59	63	70	64	57	63	63	67	74	58	60	68	66	63	63	70	57	57	76	73	54	55	56	63	47	61	63.6
	Minimum	51	59	53	49	39	39	44	51	48	45	42	48	48	46	47	47	56	47	44	46	49	41	41	57	53	43	42	42	45	36	37	46.3
Cheraw §§§	Maximum	70	70	70	68	56	58	67	62	58	58	62	62	61	67	58	60	72	63	59	61	67	42	60	65	61	55	53	58	56	49	57	60.8
	Minimum	37	40	41	41	31	28	32	40	43	30	32	41	41	31	30	34	37	41	29	33	34	33	34	47	51	31	35	30	40	27	24	35.4
Conway	Maximum	72	70	73	74	72	53	69	67	56	56	62	64	65	74	69	59	71	67	60	60	68	62	64	75	75	55	52	55	62	56	63	64.5
	Minimum	38	52	44	41	33	28	34	39	47	33	33	42	44	31	36	33	46	46	30	36	39	39	36	46	46	33	39	31	38	27	22	37.5
Darlington §§	Maximum	74	73	77	70	59	64	70	.....		63	67	69	67	76	60	60	74	72	59	60	74	40	62	.....	.....	.....	56	65	40	60	[f]64.4
	Minimum	40	47	42	42	34	28	33	40	....	30	33	41	45	30	36	35	40	41	29	33	37	36	34	36	.....	.....	.....	31	40	26	23	[d]35.6
Ferguson §§	Maximum	73	72	77	75	73	61	69	63	63	62	63	63	62	75	53	63	73	70	65	60	69	47	58	70	69	49	54	56	61	55	55	63.8
	Minimum	46	56	42	42	42	28	32	42	45	35	31	34	34	32	28	32	41	34	28	33	37	42	37	41	39	35	38	29	33	30	31	36.4
Florence 1	Maximum	71	72	70	70	59	64	72	64	63	62	64	68	67	74	69	60	70	62	59	62	71	40	60	68	64	60	54	52	62	41	56	62.9
	Minimum	41	56	49	47	36	32	37	46	47	35	35	39	45	36	32	36	46	43	33	37	40	36	35	39	38	36	35	34	41	28	32	38.8
Garnett	Maximum	74	74	77	75	72	62	72	65	67	61	64	65	68	76	70	68	74	68	65	66	73	66	66	73	70	58	59	63	66	61	65	67.8
	Minimum	42	57	43	47	36	32	32	39	49	45	34	45	40	40	33	39	52	40	29	39	44	45	40	49	58	44	44	34	39	32	24	40.8
Georgetown	Maximum	76	71	76	76	68	63	69	67	64	68	65	65	68	79	69	60	71	67	66	66	71	61	66	79	75	65	55	56	62	52	66	67.0
	Minimum	40	52	47	43	35	32	37	45	48	35	34	34	46	35	34	37	50	44	34	34	40	45	36	47	61	33	38	33	39	28	24	39.4
Kingstree	Maximum	74	72	75	74	66	61	70	69	61	62	64	64	67	76	70	63	73	67	61	59	70	64	66	72	72	66	56	59	63	58	63	66.4
	Minimum	36	55	41	41	32	27	31	42	45	35	30	44	44	30	29	33	48	40	28	34	35	40	36	48	55	34	40	29	39	25	20	36.9
Orangeburg 1	Maximum	74	73	73	74	66	61	71	62	62	61	64	62	66	75	73	69	72	66	59	61	72	64	68	72	70	60	56	55	64	59	64	66.1
	Minimum	40	56	44	63	35	31	34	43	45	37	37	43	46	38	37	36	51	39	30	34	40	40	36	47	58	35	38	31	38	28	24	39.8
Paris Island §§	Maximum	76	74	74	80	68	62	69	70	78	65	72	73	75	78	61	71	72	63	64	68	72	70	68	74	69	65	62	59	78	49	70	69.3
	Minimum	50	58	50	54	37	38	42	48	50	46	42	48	49	45	44	46	53	44	41	44	46	49	50	40	56	44	42	44	44	38	35	45.7
Society Hill §§	Maximum	70	...	71	66	56	61	68	63	55	59	63	65	64	70	56	56	73	62	56	54	70	38	58	68	68	43	54	50	61	45	58	[b]60.9
	Minimum	34	41	45	42	34	29	...	34	45	30	31	39	44	33	36	34	36	42	29	30	32	35	33	35	52	31	35	32	33	28	25	[b]35.3
Summerville	Maximum	74	71	74	76	72	62	73	69	66	60	61	65	68	76	66	65	72	68	64	63	72	61	67	78	71	60	55	58	66	50	66	66.7
	Minimum	40	56	46	44	36	32	36	42	48	40	33	41	40	32	34	38	53	41	33	40	42	43	39	49	58	37	40	34	46	28	25	40.2
Yemassee	Maximum	73	74	77	76	72	64	65	65	66	62	64	64	68	77	71	67	70	66	68	65	71	63	68	77	70	59	60	63	68	59	66	67.6
	Minimum	40	56	45	45	41	32	36	41	48	44	35	40	45	38	35	40	50	40	30	36	43	47	40	48	58	44	43	32	40	28	24	40.8
Western Portion.																																	
Aiken	Maximum	71	70	72	70	65	60	68	65	61	60	63	61	63	73	70	58	69	67	59	62	69	66	63	66	66	63	58	56	63	61	61	64.5
	Minimum	46	59	48	48	34	34	41	48	42	37	36	41	44	44	48	39	50	43	37	40	41	40	38	52	51	36	42	38	44	29	32	42.0
Anderson	Maximum															59	50	60	61	58	62	71	57	48	61	62	45	58	58	62	50	57	[e]57.6
	Minimum	46	52	44	46	32	35	39	46	39	34	36	39	46	41	34	37	46	33	35	36	45	36	35	45	41	38	40	36	40	27	33	39.1
Batesburg	Maximum	60	61	62	69	46	58	54	52	47	54	51	52	54	59	60	59	63	58	61	59	69	55	57	69	66	67	56	54	60	59	61	58.5
	Minimum	46	58	49	49	38	45	44	41	42	29	33	45	46	45	37	39	47	41	38	36	49	34	34	49	42	52	40	35	40	28	30	41.3
Calhoun Falls §§§	Maximum	69	70	70	73	49	60	64	60	63	58	62	61	66	68	60	55	59	56	56	59	68	45	54	66	60	46	56	56	62	49	57	59.9
	Minimum	30	44	43	43	30	30	34	38	37	33	33	35	39	40	34	33	35	31	29	32	35	40	34	35	47	36	36	33	24	27	26	35.0
Camden §§§	Maximum	73	72	74	61	54	60	70	60	59	60	65	64	66	72	60	65	66	63	59	61	68	46	62	69	63	52	59	58	59	49	..	[b]62.1
	Minimum	45	54	48	54	34	36	37	46	43	34	39	41	45	43	36	37	41	42	33	37	37	37	32	40	51	35	40	35	39	31	32	39.7
Clemson College	Maximum	67	69	69	66	56	62	66	60	61	62	65	64	65	69	65	53	55	60	57	58	62	65	63	63	70	65	61	59	61	60	57	62.4
	Minimum	41	55	39	42	31	35	32	44	35	30	35	40	42	42	28	35	46	32	29	34	36	42	48	58	56	35	38	29	35	23	27	37.9
Columbia	Maximum	72	72	73	67	55	63	69	62	60	62	65	64	66	73	60	56	69	59	56	56	69	55	62	66	64	46	55	54	62	47	59	61.9
	Minimum	47	55	48	41	35	33	41	49	44	35	40	43	48	42	35	38	51	39	33	38	46	36	35	53	44	35	39	35	38	30	30	40.5
Due West	Maximum	66	68	69	64	54	58	64	56	58	56	60	59	63	69	54	51	63	57	54	58	68	49	54	63	61	45	55	52	60	46	55	58.3
	Minimum	45	53	44	38	33	33	28	48	42	35	34	40	45	41	34	38	47	35	36	40	43	36	36	44	42	39	40	37	34	26	30	38.9
Greenville	Maximum	67	65	67	63	52	57	64	59	57	56	60	62	69	67	56	49	61	56	55	58	66	48	54	59	60	39	52	53	58	49	53	57.5
	Minimum	46	54	43	38	32	31	39	47	42	32	37	42	44	41	39	38	44	34	35	35	42	34	34	45	38	35	37	36	36	28	33	38.4
Greenwood	Maximum	65	67	68	68	63	59	58	64	68	60	55	60	60	68	70	56	54	65	55	55	58	67	45	55	65	60	45	55	53	60	45	59.2
	Minimum	39	47	45	45	32	32	34	39	42	33	33	35	40	43	34	35	35	34	30	31	38	41	35	35	49	37	40	30	32	25	25	36.3
Heath Spring	Maximum	65	63	65	66	63	60	64	63	61	59	58	61	64	67	65	63	65	64	63	60	66	59	60	61	62	52	54	55	60	54	50	61.0
	Minimum	45	54	54	46	33	34	40	44	43	30	31	41	37	38	34	35	45	39	35	34	42	33	30	31	31	31	37	34	40	27	29	37.3
Kershaw	Maximum	58	69	70	71	61	57	67	60	56	58	61	61	61	70	65	58	64	64	65	55	67	59	56	65	62	50	55	52	61	47	56	60.7
	Minimum	41	55	45	43	32	30	37	43	42	31	36	41	44	38	37	35	45	39	34	34	38	33	32	49	49	35	38	33	40	26	29	38.2
Landrum	Maximum	69	68	69	64	50	56	65	60	60	56	61	60	62	68	59	51	50	60	52	56	63	57	57	55	58	41	55	56	53	46	56	57.8
	Minimum	41	52	45	44	28	34	44	43	44	26	40	40	40	36	32	34	42	35	27	29	37	34	32	47	40	28	33	27	37	26	28	36.3
Laurens §§§	Maximum	68	68	67	66	55	58	64	57	58	56	61	61	64	69	54	52	64	51	53	57	67	41	56	62	62	44	54	52	61	46	56	58.2
	Minimum	40	47	38	32	32	28	29	33	33	31	29	30	39	30	28	31	35	35	30	33	38	40	35	38	49	39	39	28	30	23	25	34.1
Liberty	Maximum	64	63	67	63	53	60	63	58	58	59	62	63	63	64	62	59	57	60	54	58	66	59	54	58	61	61	53	50	49	49	56	58.9
	Minimum	44	54	41	44	32	31	34	44	35	31	38	38	41	43	32	37	45	33	34	34	42	38	35	46	40	34	37	30	39	26	30	37.5
Little Mountain	Maximum	68	68	67	64	56	59	66	58	57	57	58	60	63	69	63	53	67	63	53	60	67	59	56	65	63	50	52	52	60	50	57	60.0
	Minimum	47	61	54	51	32	33	39	43	42	33	35	37	45	41	35	37	45	35	33	37	40	35	34	47	45	34	39	39	49	27	31	39.4
Monetta	Maximum	69	70	74	67	58	59	69	61	60	59	66	59	63	71	64	56	69	63	58	60	68	63	62	66	64	58	55	57	68	58	58	63.0
	Minimum	46	59	47	48	34	34	41	47	43	36	37	42	46	45	38	36	48	37	37	38	45	38	35	51	58	25	41	37	41	28	20	41.2
Newberry	Maximum	72	71	72	73	55	60	69	60	62	59	63	63	65	69	54	60	65	71	62	60	67	68	65	60	65	54	55	55	63	49	59	63.0
	Minimum	41	50	41	40	33	30	34	43	37	33	31	40	38	33	31	36	46	35	40	37	40	38	40	40	35	40	44	39	39	29	30	37.3
Saluda	Maximum	69	70	69	65	55	50	57	57	54	53	55	56	56	61	62	54	64	63	51	50	61	60	56	65	64	60	61	56	54	54	56	58.5
	Minimum	40	58	40	42	33	48	32	43	32	35	32	31	40	36	28	31	47	35	27	33	41	35	40	45	40	41	35	27	38	24	25	36.6
Santuck	Maximum	68	69	70	67	55	60	64	56	57	57	61	63	65	72	57	54	67	63	56	57	69	59	58	63	63	53	54	55	60	51	56	60.6
	Minimum	36	41	37	38	31	28	30	36	33	27	31	40	41	31	26	31	40	42	27	29	36	36	34	42	50	36	40	25	37	22	24	34.1
Spartanburg	Maximum	67	69	69	64	59	56	64	58	57	54	60	62	63	70	60	50	61	56	52	55	65	40	58	60	60	43	51	49	55	46	54	57.6
	Minimum	42	55	44	43	30	33	37	45	40	30	40	37	42	38	34	35	44	35	32	34	40	35	34	45	42	32	27	30	35	26	30	37.2
Trenton	Maximum	69	69	70	71	66	62	65	58	60	61	60	59	61	69	62	56	68	58	56	60	67	61	59	66	62	55	55	57	67	58	57	62.1
	Minimum	45	49	49	50	32	39	39	40	38	36	36	42	44	44	36	38	44	35	36	38	47	36	37	53	59	36	36	37	43	28	32	40.2
Walhalla	Maximum	67	69	69	63	56	63	66	60	61	64	65	63	65	68	56	51	51	59	56	57	67	57	51	59	64	54	55	54	65	50	62	60.0
	Minimum	38	53	38	43	32	30	38	43	36	30	30	40	39	30	29	35	45	31	28	33	42	37	35	46	50	32	25	29	35	22	26	36.1
Winnsboro §§§	Maximum	69	69	67	64	53	58	67	58	57	58	61	61	63	69	57	53	67	58	55	57	66	41	59	66	62	49	53	59	59	47	57	58.9
	Minimum	41	50	46	47	32	31	38	43	41	33	35	39	42	41	36	35	38	57	35	37	39	39	34	36	50	33	34	32	35	26	30	37.6
Winthrop College	Maximum	62	66	59	60	50	58	57	55	56	58	60	56	55	66	62	55	54	60	58	50	54	58	50	45	50	48	48	50	55	40	29	55.0
	Minimum	44	57	44	48	33	32	35	45	38	34	38	38	42	38	32	33	40	35	33	35	40	38	36	34	44	34	34	33	38	28	30	37.2

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIV. COLUMBIA, S. C., YEAR, 1921. No. 13.

GENERAL SUMMARY.

Abnormally warm weather during February, March, September, November, and December resulted in a mean temperature for 1921 that was considerably above normal. But three previous years have had less rainfall. Moderate floods in the various rivers were fairly numerous, but the flood losses were nominal. Eleven persons were killed by lightning during the period, June to September, inclusive, and one person was killed by a tornado in May. Destructive hailstorms occurred in April and July.

Incident to the unusually mild weather during the winter and early spring, all vegetation had developed from 3 to 4 weeks in advance of the season by the close of March, and the woods were in full leaf by March 27. The mild weather continued through April; rather serious frosts between the 11th and 19th necessitated much replanting. Persistent cloudiness and low temperatures during May materially checked growth, and vegetation lost the advance attained earlier in the season, the month closing with crops 1 to 2 weeks late; in consequence, all staple spring crops showed irregular development, but winter cereals maintained satisfactory condition. Though relatively dry, June weather was more favorable, and all crops improved accordingly, with fields unusually clean, but the boll weevil became very active in the central and southern counties; the first cotton bloom of the season appeared near Hartsville on the 9th and in McCormick County on the 13th. Generally favorable growing weather prevailed during July and August, but the weevil activities greatly increased in the infested areas; the first open cotton boll was picked near Hartsville on July 27 and at Lykesland, Richmond County, on August 2; the first bale of cotton was ginned at Barnwell County on August 17. Unseasonably high temperatures and lack of moisture at critical periods caused general deterioration in all crops during September, and the weevil ravages materially increased. Fall and winter seeding were retarded by prolonged drought during October, but housing of late crops proceeded satisfactorily. Conditions were more favorable during November, and the planting of winter crops made good progress. The mild, open weather of December was favorable for outdoor work, and winter grain sowing was completed about the 20th, with good to excellent stands of wheat, oats, and rye, and winter truck was in good condition generally. Crops were practically matured before killing frosts occurred.

The last general spring killing frosts occurred between April 11 and 19, and the first general autumn killing frosts occurred on October 9 and 14 and about November 13. The average latest spring killing frost date for 1921 was March 19, or 4 days earlier than normal, and the average earliest autumn killing frost date was November 17, or 7 days later than normal. The growing season was 243 days in length, or 11 days longer than normal.

The mean annual temperature was 64.8°, or 1.9° above the 35-year normal. The warmest month was September, with a mean of 80.0°, or 5.8° above normal; the coldest month was January, with a mean of 46.9°, or 1.3° above normal. The highest annual mean at any station was 67.8° at Charleston; the lowest annual mean was 61.7° at Laurens, Laurens County. The highest temperature was 104° at Florence No. 1, Florence County, on September 4; lowest temperature, 17° above zero at Society Hill, Darlington County, on January 25.

Seasonal temperatures, with departures from the 35-year normal: Winter.—47.5°, +1.2; spring.—64.6°, +1.7°; summer.—79.0°, +0.3°; autumn.—66.5°, +2.6°.

The average precipitation was 42.83 inches, or 4.78 inches below the 35-year normal. The greatest annual amount at any station was 59.17 inches at Georgetown, Georgetown County; least annual amount, 33.30 inches at Paris Island, Beaufort County. The greatest monthly amount at any station was 17 17 inches at Georgetown, Georgetown County, in July; least monthly amount, 0.20 inch at Trenton, Edgefield County, in October. The average annual number of rainy days was 90; greatest number at any station, 125 at Garnett, Hampton County; least number, 64 at Georgetown, Georgetown County.

Seasonal precipitation, with departures from the 35-year normal: Winter.—12.58 inches, +1.36 inches; spring—10.01 inches, —0.27 inch; summer.—14.39 inches, —2.52 inches; autumn.—8.32 inches. —0.93 inch.

During the growing season, March to September, inclusive, the total rainfall was 27.82 inches, or 3.30 inches below the 35-year normal.

The total annual snowfall ranged from Traces to 8.0 inches, and the snows were confined to the latter part of January and to February.

Moderate freshets in the Pee Dee and Santee River Districts during portions of 7 months of the year were attended by unavoidable losses approximating $6,390, and the value of movable property saved by timely warnings has been conservatively estimated at $80.475.

The average annual atmospheric pressure, determined from reports of 9 regular Weather Bureau stations, was 30.08 inches. The highest pressure was 30.90 inches at Charlotte, N. C., on January 19, and in the Section proper, 30.87 inches at Due West on the same date; at Columbia the pressure on the 19th was the highest of record; the lowest pressure was 29.38 inches at Augusta, Ga., on November 1, and in the Section proper, 29.49 inches at Greenville on the same date.

The average annual sunshine, determined from 9 automatic records, was 63% of the possible amount. The average annual number of clear days was 178; partly cloudy, 97, and cloudy, 90, as against normals of 172, 101, and 93 days, respectively

The average annual relative humidity at 8 a. m. was 81%; Noon, 58%, and 8 p. m., 70%.

The prevailing wind was from the west. The average annual hourly velocity, determined from 9 anemometer records, was 7.7 miles. The highest velocity for any 5-minute period during the year was 50 miles per hour from the southwest at Greenville on April 16.

(CONTINUED ON PAGE 52.)

Climatological Data for the Year 1921.

Stations.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).							Number rainy days.	Sky.			Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for the year.	Greatest monthly.	Month.	Least monthly.	Month.	Total snowfall.		Number clear days.	Number partly cloudy days.	Number cloudy days.	
EASTERN PORTION.																				
Allendale	Barnwell	186	39	.....	101	June 15	28	Jan. 19†	40	.....	9.92	July	.....	.....	0.5	.....	.....	.....	.....	.....
Blackville	Barnwell	296	38	66.1	102	Aug. 1†	25	Jan. 19	38	35.44	7.30	July	0.35	Dec.	0	73	232	63	70	.....
Bowman	Orangeburg	160	21	.....	102	June 14	22	Jan. 19	21	.....	9.32	July	0.31	Sept.	0	.....	.....	.....	.....	w.
Charleston	Charleston	48	51	67.8	100	June 17	30	Jan. 19	51	45.62	16.61	July	0.51	Dec.	0	111	143	127	95	s.
Cheraw	Chesterfield	144	40	64.4	102	Sept. 4†	20	Jan. 19	40	42.18	10.48	July	1.18	Oct.	T.	65	.....	.....	.....	.....
Conway	Horry	25	25	65.6	101	June 14	22	Dec. 31	33	39.37	6.27	July	0.41	Sept.	0	102	149	18	198	ne.
Darlington	Darlington	175	22	65.0	101	June 14†	23	Jan. 19†	27	39.68	10.24	July	0.63	Oct.	T.	87	.....	.....	.....	.....
Effingham	Florence	106	.....	.....	.....	.....	...	.....	31	45.99	14.33	July	1.06	Oct.	0	91	.....	.....	.....	.....
Ferguson	Orangeburg	63	33	65.0	99	June 14	25	Jan. 21	36	45.85	11.26	July	0.89	Dec.	0	97	.....	.....	.....	.....
Florence 1	Florence	136	40	.....	104	Sept. 4	24	Jan. 19	40	39.14	7.16	July	0.45	Sept.	0	95	191	108	66	sw.
Florence 2	Florence	136	5	.....	.....	.....	.....	.....	5	42.10	7.69	May	0.85	Sept.	T.	79	187	86	92	ne.
Garnett	Hampton	82	4	67.7	103	June 14	24	Dec. 31	4	47.83	11.96	July	0.45	Dec.	0.5	125	122	163	80	sw.
Georgetown	Georgetown	12	29	67.1	103	June 14	24	Dec. 31	29	59.17	17.17	July	1.36	Oct.	0	64	202	126	37	n.
Kingstree	Williamsburg	54	40	66.1	103	June 14†	20	Dec. 31	40	37.53	9.02	July	0.45	Sept.	0	86	243	12	110	sw.
Orangeburg 1	Orangeburg	264	6	65.9	100	June 11†	24	Dec. 31	6	43.68	8.78	July	0.61	Dec.	0	115	161	112	82	w.
Orangeburg 2	....do	264	.....	.....	.....	.....	.....	.....	3	44.33	8.23	July	1.60	Sept.	0	99	192	93	80	ne.
Paris Island	Beaufort	13	37	.....	102	June 18†	29	Jan. 27	41	33.30	8.70	July	1.30	Sept.	T.	71	137	122	106	sw
Pinopolis**	Berkeley	54	23	.....	97	June 13†	27	Jan. 19	75	.....	5.86	May	0.96	Oct.	0	.....	...	.....	.....	nw.
Rimini	Clarendon	97	.....	.....	.....	.....	.....	.....	11	.....	9.94	July	0.48	Sept.	0	.....	.....	.....	.....	.....
St. Matthews	Calhoun	269	40	.....	.....	.....	.....	.....	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Society Hill	Darlington	192	31	.....	102	June 14†	17	Jan. 25	31	47.04	8.94	July	0.80	Sept.	T.	95	218	57	90	s.
Summerville	Dorchester	75	24	66.8	103	June 14	25	Dec. 31	24	43.94	9.49	July	0.75	Dec.	0	116	207	100	58	w.
Yemassee	Hampton	24	33	67.0	101	June 14	24	Jan. 16†	33	40.09	12.66	July	0.31	Dec.	0	75	232	22	111	ne.
Division means and extremes.		.....	.....	66.1	104	Sept. 4	17	Jan. 25	.....	42.88	17.17	July	0.31	Sept.†	T.	90	183	93	89	ne.
WESTERN PORTION.																				
Aiken	Aiken	527	58	66.4	100	June 14	25	Jan. 19†	60	36.02	6.27	May	0.83	Dec.	0	77	228	27	110	ne.
Anderson	Anderson	764	25	63.7	98	July 31†	24	Jan. 19†	29	38.72	7.49	Feb.	1.40	Mar.	2.0	93	203	21	141	w.
Batesburg	Lexington	656	38	.....	100	June 15	23	Jan. 19	38	35.72	5.24	Jan.	0.30	Oct.	T.	69	195	113	57	nw.
Blairs	Fairfield	293	.....	.....	.....	.....	.....	.....	17	37.04	6.55	July	1.01	Oct.	1.0	85	.....	.....	.....	.....
Calhoun Falls	Abbeville	508	5	62.9	103	June 14	22	Jan. 27	23	41.56	5.81	Feb.	1.23	Dec.	1.7	84	154	84	127	e.
Camden	Kershaw	222	43	.....	.....	.....	.....	.....	73	42.47	10.38	July	1.21	Aug.	3.0	96	.....	.....	.....	w
Catawba	York	562	.....	.....	.....	.....	.....	.....	16	43.02	6.65	July	1.39	Apr.	8.0	98	.....	.....	.....	.....
Chappells	Newberry	402	.....	.....	.....	.....	.....	.....	17	38.96	6.39	May	0.33	June	3.5	88	.....	.....	.....	.....
Clemson College	Oconee	850	27	62.9	97	June 25†	23	Jan. 20†	30	57.51	9.00	Feb.	2.31	Oct.	6.4	87	140	114	111	sw.
Columbia	Richland	351	35	65.5	100	June 14	25	Jan. 19	35	33.68	5.97	May	0.45	Oct.	0.2	102	126	125	114	ne
Due West	Abbeville	711	1	63.2	100	Aug. 1	22	Jan. 26	1	44.40	6.42	Aug.	1.46	Dec.	2.5	109	113	128	124	sw.
Edgefield	Edgefield	.....	.....	.....	.....	.....	.....	.....	9	39.46	5.53	July	1.16	Oct.	3.4	86	.....	.....	.....	.....
Gaston Shoals††	Cherokee	680	.....	.....	.....	.....	.....	.....	19	43.00	6.27	Feb.	2.04	Dec.	1.3	112	.....	.....	.....	.....
Greenville	Greenville	989	38	62.3	96	June 14†	22	Jan. 26	38	48.75	8.87	Feb.	1.75	June	2.2	121	130	140	95	ne.
Greenwood	Greenwood	671	38	62.8	98	Aug. 1	21	Jan. 27	38	38.69	4.79	Aug.	1.27	Dec.	4.0	77	224	1	140	w.
Heath Spring	Lancaster	568	20	64.0	100	Sept. 4	21	Jan. 19†	20	43.48	6.19	July	1.16	Dec.	6.0	71	143	119	103	w.
Kershaw	Kershaw	500	6	64.3	102	June 14	22	Jan. 21	6	40.46	8.24	July	0.92	Oct.	4.2	88	216	14	135	w.
Landrum	Spartanburg	1063	7	62.3	98	June 14†	18	Jan. 20	7	57.55	9.26	July	2.31	June	2.4	107	174	125	66	nw.
Laurens	Laurens	589	4	61.7	98	June 14	21	Feb. 22	4	42.11	7.61	Feb.	1.11	June	2.5	78	.....	.....	.....	.....
Liberty	Pickens	900	22	63.1	98	June 25	23	Jan. 20	22	46.88	6.17	Feb.	0.82	Mar.	7.2	114	143	159	63	sw.
Little Mountain	Newberry	711	29	64.2	99	June 14	23	Jan. 19†	29	38.80	7.72	July	0.96	Oct.	2.5	77	205	37	123	w.
Monetta	Saluda	400	15	65.8	102	June 14	25	Jan. 19†	15	39.79	5.77	Feb.	0.59	Oct.	T.	113	95	182	88	ne.
Newberry	Newberry	502	18	65.2	102	June 24	22	Jan. 27	18	39.30	6.57	Sept.	1.34	Mar.	0.2	84	169	129	67	sw.
Pelzer	Anderson	850	.....	.....	.....	.....	.....	.....	18	43.66	7.98	Feb.	1.76	Dec.	3.6	98	.....	.....	.....	.....
Saluda	Saluda	536	20	...	103	June 14	24	Dec. 30	20	.....	5.36	Sept.	0.93	Oct.	.....	.....	..	.....	.....	w.
Santuck	Union	512	29	62.8	102	Aug. 1	21	Jan 20	29	46.72	7.96	July	1.28	Oct.	6.5	104	158	122	85	w
Spartanburg	Spartanburg	875	45	62.7	99	June 14†	20	Jan. 27	43	45.77	6.89	Feb.	2.20	Mar.	3.8	100	.....	.....	.....	.....
Trenton	Edgefield	620	29	65.2	102	June 14	24	Jan. 27	29	39.91	6.85	July	0.20	Oct.	1.0	66	191	90	84	se.
Walhalla	Oconee	1061	20	62.3	99	June 13	22	Jan. 19†	22	57.73	9.68	Feb.	2.00	June	7.6	118	172	113	80	ne.
Winnsboro	....do	545	28	63.7	99	June 14†	22	Jan. 19†	28	42.33	8.10	July	1.41	Dec.	0.5	105	196	89	80	ne.
Winthrop College ‡‡	York	690	22	.....	102	June 14	21	Jan. 19	22	40.07	7.34	July	1.38	Oct.	8.0	111	174	80	111	n.
Division means and extremes.		.....	.....	63.6	103	June 14	18	Jan. 20	.....	42.86	10.38	July	0.20	Oct.	3.4	93	172	97	96	w.
Section means and extremes.		.....	.....	64.8	104	Sept. 4	17	Jan. 25	.....	42.83	17.17	July	0.20	Oct.	2.1	90	178	97	90	w.

† On other dates also.

** Temperature data are from observed readings of the dry bulb; means are computed from observed readings.

‡‡ Postoffice addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

Monthly and Annual Precipitation for the Year 1921, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
EASTERN PORTION.																										
Allendale	2.09	−0.89	1.98	−2.17	2.53	−1.29	2.18	−0.40	6.67	+3.30	3.87	−1.53	9.92	+4.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blackville	2.76	−0.18	2.70	−1.77	1.26	−2.43	0.95	−2.35	6.78	+3.32	2.65	−2.97	7.30	+1.98	4.55	−1.22	0.80	−3.57	0.80	−2.18	4.54	+2.49	0.35	−3.13	35.44	−12.01
Bowman	2.56	−0.56	3.86	−0.37	2.78	−1.41	2.77	−0.71	4.76	+1.35	4.23	−1.51	9.32	+3.78	6.02	+0.10	0.31	−3.15	1.53	−1.22	2.39	+0.43	.....	.....	.....	.....
Charleston	1.58	−1.87	1.26	−2.15	2.66	−1.06	2.06	−0.93	5.92	+2.45	0.61	−4.78	16.61	+9.35	5.70	−1.26	5.19	−0.27	1.70	−2.23	1.82	−1.05	0.51	−2.64	45.62	−6.45
Cheraw	4.68	+1.86	3.43	−0.99	3.48	−0.24	3.13	+0.31	5.50	+1.96	2.52	−2.64	10.48	+4.66	2.16	−4.61	1.24	−2.39	1.18	−1.67	2.66	+0.47	1.72	−1.54	42.18	−4.82
Conway	2.18	−1.23	3.07	−1.52	3.51	−0.19	4.46	+1.55	3.35	−0.01	4.98	−0.09	6.27	−0.22	3.32	−3.74	0.41	−4.44	2.62	−0.88	3.94	+1.66	1.26	−1.94	39.37	−11.05
Darlington	3.87	+1.37	2.00	−2.60	1.95	−1.36	3.21	+0.06	9.05	+5.70	2.29	−3.44	10.24	+5.41	2.41	−2.54	1.01	−2.82	0.63	−2.71	1.63	−0.65	1.39	−1.40	39.68	−4.98
Effingham	3.26	−0.14	4.49	−0.94	3.69	−0.38	3.45	+0.27	4.19	+0.82	1.68	−4.67	14.33	+9.85	4.15	−2.26	1.61	−1.91	1.06	−1.99	2.77	+0.53	1.31	−1.99	45.99	−2.81
Ferguson	1.31	−3.03	2.99	−1.09	1.99	−1.40	2.73	−0.07	4.44	+0.27	5.71	−0.13	11.26	+5.34	8.14	+0.81	1.15	−2.65	1.76	−1.23	3.48	+1.10	0.89	−2.14	45.85	−3.22
Florence 1	3.58	+0.84	4.27	−0.13	4.26	+1.31	3.58	+0.68	6.33	+2.78	1.97	−3.44	7.16	+1.76	2.33	−3.17	0.45	−3.62	1.65	−1.47	2.50	+0.39	1.06	−1.72	39.14	−5.66
Florence 2	4.18	−1.44	4.77	+0.37	4.42	+1.47	3.49	+0.59	7.69	+4.14	1.60	−3.81	6.53	+1.13	3.10	−3.40	0.85	−3.22	2.40	−0.72	1.72	−0.39	1.35	−1.43	42.10	−2.70
Garnett	1.33	.....	1.66	.....	2.56	.....	2.14	.....	9.53	.....	4.28	.....	11.96	.....	5.65	.....	2.10	.....	2.40	.....	3.77	.....	0.45	.....	47.83	.....
Georgetown	2.68	−0.67	3.10	−1.44	3.15	−0.30	3.68	+0.38	5.19	+2.15	2.85	−3.04	17.17	†	10.03	+2.99	4.08	−0.09	1.36	−2.32	4.37	+1.94	1.51	−2.04	59.17	+7.88
Kingstree	1.36	−1.61	3.08	−1.15	3.71	+0.26	2.54	−0.12	4.24	+1.19	4.23	−1.19	9.02	+3.32	4.62	−1.88	0.45	−3.38	1.49	−1.35	2.15	−0.03	0.64	−2.48	37.53	−8.42
Orangeburg 1	2.63	....	5.32	.....	1.97	.....	1.68	.....	6.44	.....	5.29	.....	8.78	.....	3.45	.....	2.67	.....	2.44	.....	2.40	.....	0.61	.....	43.68	.....
Orangeburg 2	2.72	....	6.07	.....	2.85	.....	2.44	.....	7.02	.....	4.20	.....	8.23	.....	3.69	.....	1.60	.....	1.64	.....	2.20	.....	1.67	.....	44.33	.....
Paris Island	1.80	−1.06	1.40	−2.49	1.90	−0.47	1.50	−0.87	3.00	−0.16	4.20	−1.87	8.70	+1.63	3.80	−3.36	1.30	−3.93	2.90	−0.42	1.40	−0.84	1.40	−1.40	33.30	−14.30
Pinopolis	2.52	−0.58	2.00	−1.52	3.39	−0.26	2.40	−0.57	5.80	+1.95	3.18	−2.75	.....	.....	5.03	−2.06	4.81	+0.22	0.96	−2.17	1.11	−1.39	1.40	−1.56	.....	.....
Rimini	2.94	.....	3.82	.....	.....	.....	3.49	.....	7.56	.....	2.15	.....	9.94	....	4.66	.....	0.48	.....	3.52	.....	2.70	.....	1.25	.....	.....	.....
St. Matthews	4.19	+1.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Society Hill	3.87	+0.94	4.58	−0.18	2.74	−1.62	2.82	−0.47	7.25	+3.94	2.66	−3.17	8.94	+2.75	8.25	+2.29	0.80	−3.22	0.98	−2.15	2.29	+0.02	1.85	−1.41	47.04	−1.16
Summerville	1.82	−1.28	2.24	−2.20	2.29	−1.14	2.85	−0.63	4.06	+1.05	4.84	−0.92	9.49	+3.47	7.31	−0.71	5.19	+0.87	1.43	−2.51	1.67	−0.68	0.75	−2.80	43.94	−7.48
Yemassee	1.39	1.40	1.58	−2.45	1.65	−1.92	1.95	−0.98	5.10	+1.80	5.06	−1.12	12.66	+5.91	3.15	−3.54	3.11	−1.13	1.60	−1.33	2.53	−0.68	0.31	−2.90	40.09	−8.57
Division means and departures.	2.67	−0.31	3.08	−1.31	2.80	−0.81	2.75	−0.31	5.90	+2.53	3.39	−2.51	10.20	+4.34	4.83	−1.61	1.89	−2.41	1.72	−1.62	2.57	+0.42	1.08	−2.11	42.88	−5.61
WESTERN PORTION.																										
Aiken	2.53	−1.07	3.55	−0.53	1.31	−2.70	1.45	−1.01	6.27	+2.51	1.64	−3.03	5.66	+0.96	4.97	−0.66	3.28	−0.60	0.87	−1.79	3.66	+0.95	0.83	−2.92	36.02	−9.71
Anderson	4.79	+1.04	7.49	−2.21	1.40	−3.63	2.37	−2.66	3.65	+1.01	3.55	−1.14	2.49	−3.04	2.32	−3.82	4.20	+0.80	1.97	−0.89	2.90	+0.10	1.59	−3.19	38.72	−11.45
Batesburg	5.24	+1.99	4.36	−1.52	0.77	−3.80	1.74	−1.35	4.28	+0.86	0.82	−4.26	3.98	−1.45	5.03	−0.99	3.35	−0.54	0.30	−2.95	3.75	+1.17	2.10	−1.86	35.72	−14.70
Blairs	4.84	+1.73	5.27	+1.37	1.09	−2.48	1.56	−0.55	4.88	+2.34	1.52	−3.52	6.55	+1.45	2.82	−1.81	3.36	+0.54	1.01	−1.58	2.60	+0.26	1.54	−2.46	37.04	−4.80
Calhoun Falls	5.11	+1.76	5.81	+0.65	2.01	−2.81	2.21	−1.37	3.60	+0.07	2.45	−2.42	5.71	+0.96	3.82	−1.04	3.98	−0.02	2.68	−0.17	2.95	+0.64	1.23	−3.19	41.56	−6.93
Camden	3.63	+0.24	5.32	+1.37	2.08	−1.71	1.99	−0.97	6.04	+2.68	3.21	−1.30	10.38	+5.30	1.21	−4.22	1.82	−1.93	1.54	−1.14	3.11	+0.66	2.14	−1.32	42.47	−2.24
Catawba	5.42	+2.22	6.49	+1.98	3.12	−1.01	1.39	−1.61	4.31	+0.99	3.35	−2.08	6.65	+0.91	4.10	−1.27	2.25	−0.96	1.49	−2.14	2.66	+0.22	1.79	−2.51	43.02	−4.66
Chappells	4.68	+1.83	5.19	+1.48	1.40	−2.16	2.37	+0.17	6.39	+3.86	0.33	−3.95	3.77	−0.50	3.28	−2.22	6.25	+2.19	0.83	−1.98	2.58	+0.19	1.89	−2.88	38.96	−2.97
Clemson College	5.27	+0.72	9.00	+4.58	3.35	−1.49	3.21	−0.57	4.15	+0.64	2.92	−2.02	5.12	−0.11	6.24	+0.77	7.54	+3.32	2.31	−1.63	5.61	+2.85	2.79	−2.34	57.51	+4.42
Columbia	3.26	−0.03	4.49	−0.10	0.97	−2.73	1.24	−1.62	5.97	+2.78	2.53	−1.65	5.64	−0.42	3.62	−3.16	1.83	−1.62	0.45	−2.40	2.47	+0.24	1.21	−1.69	33.68	−12.40
Due West	3.93	....	6.09	.....	1.97	.....	1.65	.....	4.04	.....	1.65	.....	6.10	.....	6.42	.....	6.13	.....	1.93	.....	3.03	.....	1.46	.....	44.40	.....
Edgefield	4.09	.....	5.17	.....	1.62	.....	2.65	.....	3.70	.....	2.07	.....	5.53	.....	2.95	.....	3.97	.....	1.16	....	5.28	.....	1.27	.....	39.46	.....
Gaston Shoals	5.98	+2.14	6.27	+1.87	2.27	−2.44	2.37	−0.85	4.77	+1.80	2.08	−3.19	2.21	−5.77	3.06	−2.40	4.86	+1.89	2.91	+0.12	4.18	+1.61	2.04	−2.64	43.00	−7.86
Greenville	5.10	+0.85	8.87	+3.59	2.42	−3.08	2.85	−0.83	5.61	+1.93	1.75	−3.47	3.15	−2.27	3.77	−2.31	6.49	+2.58	2.56	−0.40	3.38	+0.20	2.80	−1.95	48.75	−5.80
Greenwood	4.15	+0.56	4.47	−0.34	1.97	−2.10	2.17	−0.76	4.30	+0.68	2.45	−1.85	4.39	−1.03	4.79	−0.55	3.43	−0.36	2.36	−0.46	2.94	+0.19	1.27	−3.21	38.69	−8.60
Heath Spring	4.65	+1.40	4.92	+0.64	3.93	+0.26	2.66	−0.83	5.96	+2.76	4.63	−0.98	6.19	+1.94	1.46	−4.89	2.05	−1.13	1.48	−1.15	3.39	+0.82	1.16	−3.10	42.48	−3.70
Kershaw	4.00	.....	6.05	.....	2.46	.....	2.57	.....	5.42	.....	2.74	.....	8.24	.....	1.54	.....	1.92	.....	0.92	.....	3.67	.....	0.93	.....	40.46	.....
Landrum	3.81	.....	4.48	.....	2.92	.....	3.78	.....	6.48	.....	2.31	....	9.26	.....	5.79	.....	6.64	.....	4.44	.....	4.51	.....	3.13	.....	57.55	.....
Laurens	7.16	.....	7.61	.....	1.16	.....	2.58	.....	5.49	.....	1.11	.....	3.15	.....	3.38	.....	3.28	.....	3.80	.....	1.89	.....	1.50	.....	42.11	.....
Liberty	4.58	+0.29	6.17	+0.38	0.82	−4.59	3.80	−0.83	4.18	−0.21	2.75	−2.65	5.03	−0.77	2.29	−4.47	5.67	+1.61	3.55	−0.21	5.05	+2.26	3.01	−3.20	46.88	−2.39
Little Mountain	4.47	+1.41	2.35	+2.44	1.64	−2.23	1.39	−1.78	4.42	+1.57	3.01	−1.60	7.72	+2.98	1.57	−3.73	6.28	+3.32	0.96	−2.05	3.48	+0.97	1.51	−1.78	38.80	−5.36
Monetta	3.65	+0.41	5.77	+0.94	1.77	−2.10	2.02	−0.61	4.95	+2.49	2.56	−3.02	5.71	+1.35	4.78	−0.18	2.73	−0.85	0.59	−2.75	3.55	+1.36	1.71	−1.71	39.79	−4.64
Newberry	4.60	+1.15	5.09	+0.95	1.34	−1.51	2.00	−0.77	5.01	+2.05	1.98	+2.38	3.65	−0.79	3.38	−2.06	6.57	+3.54	1.11	−1.64	2.96	−0.01	1.61	−1.31	39.30	−5.78
Pelzer	5.58	+1.84	7.98	+2.50	1.90	−2.90	2.80	−0.74	5.34	+1.60	1.96	−2.56	3.50	−1.80	2.60	−1.80	3.46	+0.25	3.42	+0.11	3.36	+1.81	1.76	−3.70	43.66	−5.48
Saluda	.....	.....	.....	.....	.....	.....	3.00	+0.53	4.44	+1.90	3.14	−1.88	4.08	−0.13	3.36	−2.51	5.36	+2.06	0.93	−2.11	4.05	+1.52	2.36	−1.65	.....	.....
Santuck	5.75	+2.29	6.92	+1.98	1.65	−2.81	1.51	−1.77	4.65	+1.70	2.20	−2.03	7.96	+3.01	3.40	−2.42	7.06	+3.59	1.28	−1.97	2.73	−0.08	1.61	−2.67	46.72	−1.18
Spartanburg	5.47	+2.27	6.89	+2.13	2.20	−2.75	2.54	−0.53	4.67	+0.64	2.59	−2.22	3.40	−0.85	4.50	−1.26	4.10	+0.79	3.67	+1.00	3.43	+0.56	2.31	−1.89	45.77	−2.11
Trenton	4.18	+1.02	6.28	+0.86	1.16	−3.27	1.72	−1.61	3.44	+0.48	2.45	−2.22	6.85	+1.20	3.40	−3.08	4.80	+1.43	0.20	−3.10	3.80	+1.52	1.63	−1.36	39.91	−10.23
Walhalla	4.89	+0.70	9.68	+4.46	2.65	−3.37	3.39	−1.23	3.71	−0.32	2.00	−3.20	5.29	−0.67	7.08	+1.06	7.43	+1.98	3.02	+0.06	5.22	+2.81	3.37	−0.99	57.73	+1.29
Winnsboro	7.07	+4.79	4.59	+0.31	1.92	−2.17	1.55	−1.22	5.74	+2.64	2.39	−1.99	8.10	+3.18	2.39	−3.27	2.37	−1.09	1.61	−1.38	3.19	+0.95	1.41	−2.08	42.33	−2.33
Winthrop College	4.31	+1.29	3.67	−0.45	2.09	−1.86	1.40	−1.62	3.60	−0.56	2.37	−2.01	7.34	+2.45	4.34	−1.47	5.31	+2.03	1.38	−1.53	2.18	−0.18	2.08	−2.51	40.07	−7.42
Division means and departures.	4.74	+1.27	5.88	+1.19	1.91	−2.46	2.26	−1.00	4.86	+1.42	2.37	−2.50	5.57	+1.19	3.67	−1.94	4.46	+0.85	1.83	−1.15	3.47	+0.87	1.84	−2.54	42.86	−4.81
Section means and departures.	3.84	+0.39	4.73	+0.37	2.28	−1.58	2.43	−0.48	5.30	+1.79	2.81	−2.08	7.44	+1.50	4.14	−1.94	3.42	−0.51	1.79	−1.23	3.11	+0.81	1.54	−1.82	42.83	−4.78

The departures from the normal precipitation are computed only for such stations as have ten or more years of record. † +10.22.

Monthly and Annual Mean Temperatures for the Year 1921, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
EASTERN PORTION.																										
Allendale	50.4	+2.7	51.8	+3.6	64.6	+6.9	64.6	+0.3	69.8	−4.4	80.2	+1.2	79.8	−4.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blackville	49.4	+2.3	[c]54.9	+7.7	63.6	+5.5	62.9	−1.0	69.6	−3.7	78.0	−1.5	[b]78.9	−2.8	79.1	−1.4	82.0	+6.4	63.0	−1.4	56.9	+1.4	54.2	+6.9	66.1	+1.6
Bowman	48.0	0.0	48.4	+1.0	63.0	+4.8	63.2	−0.3	69.2	−3.1	79.0	+1.0	79.2	−1.2	78.6	−0.8	80.4	+5.2	62.8	−1.4	58.6	+4.4	.....	.....	.....	.....
Charleston	51.7	+2.4	53.6	+1.9	65.1	+7.9	66.3	+2.5	70.5	−1.9	80.0	+1.5	80.6	−0.7	80.8	+0.5	81.9	+5.7	66.6	−0.5	62.0	+3.9	55.0	+3.7	67.8	+1.2
Cheraw	45.5	+2.1	46.6	+1.9	62.6	+8.9	63.6	+2.1	67.2	−3.6	[c]80.5	+2.1	80.8	+0.6	78.6	+0.3	80.9	+7.8	62.7	+1.1	55.8	+3.8	48.1	+4.4	64.4	+2.7
Conway	48.2	+0.1	50.8	+3.5	62.8	+6.0	63.2	+0.4	68.8	−2.2	78.6	+1.5	79.8	−0.3	79.2	−0.1	81.2	+6.4	64.0	−0.2	59.6	+5.5	51.0	+4.1	65.6	+2.0
Darlington	[c]46.2	+0.6	[b]49.0	+4.4	[a]63.2	+5.9	63.6	+1.9	[c]67.2	−4.2	[c]79.4	+2.5	79.8	−0.2	[c]77.9	−0.9	81.2	+6.9	[g]64.0	+0.6	[h]58.0	+6.9	[f]50.0	+4.8	65.0	+2.5
Ferguson	47.2	−0.1	50.7	+3.0	62.0	+5.7	63.8	+1.7	68.9	−2.2	79.4	+2.3	80.3	+0.9	78.8	+0.6	79.4	+5.4	62.4	−0.9	57.6	+2.5	50.1	+1.9	65.0	+1.7
Florence 1	46.9	+1.9	50.4	+4.8	64.6	+8.8	64.3	+1.9	.....	.....	81.6	+2.9	80.4	−1.0	79.2	−1.0	82.8	+8.1	65.4	+1.8	59.5	+5.7	50.8	+5.9	.....	.....
Garnett	51.7	.....	53.4	.....	66.8	.....	66.0	.....	70.9	.....	78.2	.....	80.8	.....	80.4	.....	[b]82.3	.....	[f]66.6	.....	61.3	.....	54.3	.....	67.7	.....
Georgetown	49.8	+1.4	52.6	+4.1	64.1	+6.2	64.6	+1.1	69.2	−3.0	[a]80.7	+2.1	80.2	−0.4	80.4	+0.3	82.2	+6.3	66.5	+1.1	61.2	+5.2	53.2	+4.2	67.1	+2.4
Kingstree	47.3	−0.2	51.0	+3.9	63.1	+5.8	64.8	+1.7	69.8	−2.0	80.6	+2.5	[c]81.0	+0.6	80.4	+1.0	80.6	+6.1	64.4	+0.3	59.0	+4.2	51.6	+3.9	66.1	+2.1
Orangeburg 1	48.8	.....	[d]52.2	.....	64.7	.....	64.4	.....	69.3	.....	79.0	.....	79.6	.....	78.6	.....	79.9	.....	63.4	.....	58.4	.....	53.0	.....	65.9	.....
Paris Island	53.2	+2.8	56.4	+5.0	67.3	+8.5	68.9	+4.2	.....	.....	[c]82.1	+2.8	82.6	+1.5	82.4	+1.6	83.8	+6.6	69.0	+1.6	64.4	+5.8	57.5	+5.7	.....	.....
Pinopolis	48.7	+1.4	49.5	+1.4	62.7	+4.3	62.5	+0.1	67.1	−3.9	[c]76.2	0.4	.....	.....	77.7	−0.2	77.8	+3.6	[c]61.8	−2.4	57.2	+2.6	52.7	+5.3	.....	.....
Society Hill	[a]45.5	+1.6	[a]48.8	+4.4	.....	.....	[c]62.8	+1.0	68.0	−3.0	[b]81.8	+4.7	79.6	+0.1	[a]78.0	−0.4	80.6	+7.4	61.8	0.0	[b]56.4	+4.2	[a]47.6	+2.6	.....	.....
Summerville	50.2	+0.3	52.7	+3.9	65.0	+6.3	64.8	+1.5	69.6	−2.4	79.8	+2.6	79.8	−0.1	80.6	+0.7	81.6	+6.0	64.7	−0.2	60.8	+5.4	53.4	+4.5	66.8	+2.4
Yemassee	51.2	+3.3	54.1	+5.7	65.7	+7.5	65.0	+1.2	69.8	−3.0	78.6	0.0	79.9	−1.3	79.7	−0.4	80.6	+5.1	64.8	−0.3	61.0	+5.9	54.2	+6.5	67.0	+2.5
Division means and departures.	48.8	+1.5	51.4	+4.1	63.0	+5.8	64.4	+1.4	69.2	−2.9	79.6	+1.6	80.2	−0.1	79.5	0.0	81.1	+6.1	64.4	+0.2	59.3	+4.6	52.3	+4.9	66.1	+2.3
WESTERN PORTION.																										
Aiken	49.2	+3.3	52.2	+3.2	65.4	+10.3	64.5	+1.6	69.6	−1.7	79.6	+2.0	79.0	−1.2	79.2	+0.6	81.1	+7.0	65.6	+1.7	58.5	+4.6	53.2	+6.0	66.4	+3.1
Anderson	46.6	+1.9	48.8	+4.9	61.1	+6.7	62.5	+1.2	[a]67.8	−2.8	[a]76.8	+0.4	78.8	−1.1	77.6	−1.0	80.0	+5.8	61.2	−1.6	54.6	+1.8	[a]48.4	+4.4	63.7	+1.7
Batesburg	46.4	+1.0	49.2	+4.4	.....	.....	62.3	+0.9	67.8	−3.9	80.6	+2.8	78.7	−0.3	78.4	−0.3	[a]81.0	+7.1	.....	.....	57.4	+3.7	49.9	+4.2	.....	.....
Calhoun Falls	44.0	.....	46.2	.....	58.1	.....	61.5	.....	69.0	.....	79.6	.....	79.6	.....	77.5	.....	79.6	.....	59.4	.....	53.2	.....	47.4	.....	62.9	.....
Camden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]50.9	+1.4	.....	.....
Clemson College	45.0	+2.7	47.4	+5.0	60.1	+7.5	60.5	+1.1	66.6	−2.6	77.9	+2.1	78.6	+0.8	76.4	−1.3	78.2	+5.4	59.8	−1.5	54.6	+4.2	50.2	+7.6	62.9	+2.5
Columbia	47.0	+1.9	50.2	+2.4	64.0	+10.0	64.2	+1.4	68.7	−3.1	79.8	+1.2	79.9	−1.1	79.5	−1.0	80.8	+7.1	63.4	−0.6	58.4	+4.6	51.2	+4.0	65.5	+2.3
Due West	44.2	.....	46.8	.....	60.9	.....	61.4	.....	67.3	.....	78.6	.....	79.0	.....	76.8	.....	79.4	.....	60.6	.....	54.4	.....	48.6	.....	63.2	.....
Greenville	43.8	+3.1	46.8	+6.3	59.0	+8.4	61.0	+2.7	66.0	−1.5	77.4	+3.0	78.6	+1.6	75.2	−0.3	78.2	+7.3	60.0	+0.1	54.0	+4.3	48.0	+6.8	62.3	+3.5
Greenwood	43.8	+1.0	46.5	+3.5	61.4	+8.2	62.6	+1.5	67.0	−4.3	78.2	+0.4	78.0	−2.0	76.4	−2.3	78.1	+4.7	60.2	−0.8	53.9	+1.9	47.8	+5.5	62.8	+1.2
Heath Spring	46.6	+3.5	48.3	+6.3	61.7	+7.6	61.5	+1.1	67.3	−2.5	78.2	+1.1	78.6	−1.8	76.9	−2.5	79.5	+5.7	63.3	+1.8	56.5	+5.6	49.2	+7.2	64.0	+2.7
Kershaw	45.5	.....	48.4	.....	62.4	.....	63.1	.....	67.2	.....	79.0	.....	79.4	.....	77.7	.....	80.6	.....	62.6	.....	55.8	.....	49.4	.....	64.3	.....
Landrum	44.8	.....	46.2	.....	59.2	.....	60.9	.....	65.6	.....	77.4	.....	78.2	.....	76.0	.....	78.7	.....	59.1	.....	54.0	.....	47.0	.....	62.3	.....
Laurens	43.1	.....	[c]44.1	.....	58.5	.....	60.7	.....	[a]65.4	.....	77.8	.....	79.4	.....	76.2	.....	78.0	.....	[h]58.0	.....	53.4	.....	46.2	.....	61.7	.....
Liberty	45.2	+2.4	47.7	+5.2	60.2	+7.1	62.9	+2.6	68.0	−2.0	78.1	+1.8	78.8	−0.4	76.2	−1.9	78.6	+5.7	59.6	−1.8	53.8	+3.1	48.2	+5.4	63.1	+2.3
Little Mountain	46.8	+1.5	48.9	+3.7	62.0	+5.9	62.3	+0.4	67.7	−4.5	79.1	+1.2	79.2	−1.2	77.7	−1.7	79.9	+4.9	61.6	−2.5	55.8	+2.0	49.7	+4.1	64.2	+1.1
Monetta	48.0	+0.1	51.2	+3.4	64.5	+8.7	63.9	−0.1	69.2	−3.0	80.0	+2.8	79.5	−0.2	78.4	−0.4	80.8	+6.5	64.0	−0.1	58.0	+3.5	52.1	+5.8	65.8	+2.3
Newberry	45.3	+0.5	49.0	+4.8	64.8	+9.6	[f]64.6	+2.6	[k]68.2	−4.1	[f]81.4	+3.0	[j]80.0	−0.8	[k]78.6	−0.8	[g]80.4	+5.6	62.4	−0.1	56.2	+4.4	50.2	+3.6	65.2	+2.7
Saluda	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[j]80.4	+2.4	79.3	−1.2	77.8	−1.6	80.0	+5.6	60.8	−2.1	56.0	+3.0	47.6	+1.9	.....	.....
Santuck	43.6	+0.6	46.2	+3.6	[a]60.3	+6.7	61.0	+0.8	66.6	−3.8	78.8	+2.1	79.2	−0.4	77.4	−1.1	79.5	+6.1	59.6	−1.9	54.3	+3.2	47.4	+4.2	62.8	+1.6
Spartanburg	43.5	+2.0	46.8	+4.4	59.9	+8.6	61.7	+1.5	66.2	−3.3	78.5	+2.4	79.2	−0.1	76.6	−0.9	79.0	+6.9	60.3	−0.5	53.4	+2.7	47.4	+4.8	62.7	+1.3
Trenton	46.7	+0.3	50.4	+3.3	63.8	+7.2	63.2	+0.6	69.3	−3.1	80.6	+2.1	79.3	−1.2	[a]78.0	−1.6	80.4	+5.1	63.2	−1.1	[c]56.0	+1.1	51.2	+4.2	65.2	+1.5
Walhalla	44.6	+2.6	47.0	+3.8	58.8	+7.4	60.2	+2.0	66.4	−1.0	77.9	+3.3	78.0	+1.0	75.3	−1.2	78.4	+7.6	59.4	−0.5	53.8	+3.0	48.0	+4.7	62.3	+2.7
Winnsboro	44.4	+0.4	47.0	+2.0	61.6	+8.1	[c]62.8	+1.7	[a]67.4	−3.8	[c]79.6	+2.9	79.4	−0.2	[a]77.8	−0.3	80.1	+6.9	[c]61.6	−0.8	[b]54.8	+2.6	48.2	+5.6	63.7	+2.1
Winthrop College	44.2	+0.7	46.6	+3.9	61.9	+8.0	63.0	+2.5	67.0	−3.2	79.0	+3.0	79.8	−0.1	78.2	−0.4	77.2	+4.0	.....	.....	53.5	+1.8	46.6	+3.5	.....	.....
Division means and departures.	45.3	+1.2	47.9	+3.6	60.9	+5.6	62.2	+1.2	67.4	−3.4	78.9	+1.9	79.1	−0.4	77.3	−1.2	79.3	+5.5	60.7	−1.6	55.2	+4.1	49.0	+4.8	63.6	+1.8
Section means and departures.	46.9	+1.3	49.4	+2.4	62.5	+7.5	63.3	+1.0	68.1	−3.1	79.2	+1.7	79.6	−0.2	78.2	−0.6	80.0	+5.8	62.6	−1.0	56.9	+3.0	50.3	+4.0	64.8	+1.9

The departures from the normal temperature are computed only for such stations as have ten or more years of record.
Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

(CONTINUED FROM PAGE 49.)

WEATHER BY MONTHS.

January.—Mild, open weather prevailed generally during the month, and the period, 1st to 12th, was abnormally warm. While above the average, on the whole, precipitation was deficient on the coastal plain and abundant in the Piedmont. An unusually severe cold rain, ice, sleet, and snow storm occurred in the upper half of the state on the 25th and 26th.

February.—The weather was remarkably mild, on the whole, and during the period, 5th to 22d, the daily mean temperatures ranged 5° to 22° above normal. Precipitation was above normal, on the average, but was unusually light on the coastal plain generally, while relatively abundant up-State.

March.—The month was the warmest March of record by 0.5°; the mean temperatures ranged 5° to 18° per day above normal on 22 days. Precipitation was considerably below normal and was badly distributed.

April.—The temperature averaged higher than usual. The latest spring killing frosts occurred in the eastern portion generally about the 12th, and in the western portion, on the 11th, 12th, and 19th. The rainfall was sligtly below normal. A heavy hailstorm occurred in Anderson County on the 28th. Lightning and windstorms caused damage approximating $12,000 during the month.

May.—The month was considerably cooler than usual, with two prolonged periods of low temperatures. Precipitation was much above the average. A tornado occurred near Galivants Ferry, Horry County, on the 13th, causing the death of one person and property damage approximating $5,000.

June.—The month was well up in the group of warm Junes. The rainfall averaged but little more than half the normal.

There were two deaths by lightning during the month, and fire losses resulting from lightning approximated $33.000.

July.—Thermal conditions ranged near the seasonal average. The rainfall was superabundant, on the whole, but was excessive on the coastal plain and deficient up-State. Five persons were killed by lightning during the month. Fire damage resulting from lightning approximated $23,000. A destructive hailstorm occurred in Pickens County on the 11th.

August.—The mean temperature was somewhat below normal. Rainfall was considerably below normal and badly distributed. A small tornado occurred near Ashley Junction, north-northwest of Charleston, on the 10th, with no special damage. One person was killed by lightning during the month.

September.—The month was the warmest September of record by 1.1°. Precipitation was below normal and very unevenly distributed. Three persons were killed by lightning during the month.

October.—The mean temperature was slightly below normal. Precipitation was much below normal, with a marked drought between the first and last few days. Heavy to killing frosts occurred in the Piedmont and in sections of the central counties on the 9th, and again on the 14th.

November.—The month was high in the group of warm Novembers, with 22 days on which the mean temperatures ranged 5° to 21° per day above normal. Precipitation was above the average, but was badly distributed. Freezing temperatures extended to near the southern coast by the 13th.

December.—The closing month of the year was unusually mild and open, with subnormal temperatures on but three dates. Precipitation was less than half the normal. Freezing temperatures had not reached the lower coast by the close of the month.

ERRATA.

July, 1921, Page 25.—Text, General Summary, 12th line of second paragraph, bloom should read open boll; 13th line, blooms should read open bolls.

COMPARATIVE DATA FOR SOUTH CAROLINA.

Year.	Temperature.			Precipitation		Average number of days.			Prevailing wind direction.
	Mean.	Highest.	Lowest.	Average.	Average days with 0.01 inch or more.	Clear.	Partly Cloudy.	Cloudy.	
1887	62.3	110	5	43.43	101	.....	.....	.....	.....
1888	61.8	108	13	54.63	104	.....	.....	.....	sw.
1889	62.0	102	10	46.76	86	.....	.....	.....	se. †
1890	64.4	104	11	42.29	.....	.....	.....	.....	sw.
1891	63.0	.....	13	47.52	.....	.....	.....	.....	.....
1892	62.4	102	6	47.36	.....	.....	.....	.....	.....
1893	63.0	104	3	53.68	98	.....	.....	.....	sw.
1894	63.5	105	− 1	50.49	105	154	123	88	sw.
1895	61.9	105	− 6	48.99	88	154	116	95	sw.
1896	63.9	104	5	44.95	86	163	119	84	sw.
1897	63.3	107	3	46.40	99	158	102	105	sw.
1898	63.2	106	8	49.26	107	143	111	111	sw.
1899	62.8	105	−11	46.76	95	158	104	103	sw.
1900	63.2	106	1	49.79	96	167	99	99	sw.
1901	61.1	102	2	54.98	106	167	102	96	sw.
1902	62.6	107	10	46.43	98	172	99	94	sw.
1903	62.2	105	10	50.87	103	166	95	104	sw.
1904	61.7	105	8	40.98	95	188	87	91	sw. †
1905	62.6	107	0	45.10	92	169	85	111	sw. †
1906	63.3	102	11	54.81	107	159	103	93	sw.
1907	63.3	106	12	47.79	99	157	123	75	sw.
1908	63.7	100	12	53.33	94	169	114	83	sw.
1909	63.4	105	7	44.61	91	178	113	73	sw.
1910	62.7	103	11	45.31	91	181	111	73	sw.
1911	64.9	106	16	39.80	91	161	120	84	sw.
1912	62.5	109	6	54.32	102	177	70	119	sw.
1913	63.8	109	16	47.57	93	181	81	103	sw.
1914	62.5	108	11	43.39	96	163	110	92	w.
1915	62.9	106	17	48.89	93	190	92	83	w.
1916	63.4	103	10	43.91	93	184	97	85	sw.
1917	61.4	102	− 5	43.49	97	192	85	88	sw.
1918	63.2	106	− 2	46.48	94	186	85	94	sw.
1919	64.1	103	8	46.79	88	189	88	88	ne.
1920	61.9	105	6	52.24	93	183	83	100	ne.
1921	64.8	104	17	42.83	90	178	97	90	w.
Period	62.9	110	−11	47.61	96	172	101	93	sw.

† Also other directions.

MONTHLY AND ANNUAL CLIMATOLOGICAL DATA FOR SOUTH CAROLINA, YEAR 1921.

Months.	Temperature.				Precipitation.			Relative humidity.			Percentage of possible sunshine.	Number of days.				Wind.	
	Mean.	Departures.	Highest.	Lowest.	Average.	Departures.	Greatest local monthly amount.	Average—8 a. m.	Average—Noon.	Average—8 p. m.		Rainy.	Clear.	Partly Cloudy.	Cloudy.	Average hourly velocity.	Prevailing direction.
January	46.9	+1.3	79	17	3.84	+0.39	7.16	80	61	69	52	7	15	6	10	8.7	w.
February	49.4	+2.4	85	19	4.73	+0.37	9.68	85	67	74	54	9	12	7	9	8.2	w.
March	62.5	+7.5	91	28	2.28	−1.58	4.42	82	57	69	64	6	16	7	8	8.8	sw.
April	63.3	+1.0	91	27	2.43	−0.48	4.46	74	50	60	71	6	16	8	6	9.0	s.
May	68.1	−3.1	98	36	5.30	+1.79	9.53	78	57	70	59	10	12	10	9	7.6	ne.
June	79.2	+1.7	103	50	2.81	−2.08	5.71	76	53	69	71	6	15	11	4	7.1	sw.
July	79.6	−0.2	101	60	7.44	+1.50	17.17	84	63	78	58	14	9	13	9	6.9	e.
August	78.2	−0.6	102	56	4.14	−1.94	10.03	84	62	76	62	10	14	10	7	6.6	ne.
September	80.0	+5.8	104	57	3.42	−0.51	7.54	84	54	72	75	6	19	8	3	5.5	sw.
October	62.6	−1.0	90	27	1.79	−1.23	4.44	77	49	62	72	4	21	4	6	8.1	ne.
November	56.9	+3.0	86	24	3.11	+0.81	5.61	85	63	73	56	7	13	6	11	7.2	w.
December	50.3	+4.0	80	20	1.54	−1.82	3.37	80	57	65	61	5	16	7	8	8.5	w.
Annual	64.8	*+1.9	104	17	42.83	*−4.78	17.17	81	58	70	63	90	178	97	90	7.7	w.

* From 35-year averages.

KILLING FROST OR FREEZING TEMPERATURE DATES AND GROWING DAYS.

Stations.	1921.		Averages—all records.		
	Last in spring.	First in autumn.	Last spring date.	First autumn date.	No. of growing days.
EASTERN PORTION.					
Allendale	Feb. 26	.....	Mch. 14	Nov. 14	245
Blackville	Apr. 11	Nov. 13	Mch. 20	Nov. 12	237
Bowman	Mch. 1	Nov. 13	Mch. 26	Nov. 7	222
Charleston	Jan. 27	Jan. 2	Feb. 20	Dec. 10	293
Cheraw	Apr. 12	Oct. 14	Mch. 29	Nov. 3	219
Conway	Apr. 12	Nov. 13	Mch. 23	Nov. 8	230
Darlington	Apr. 12	Nov. 13	Mch. 31	Nov. 2	216
Ferguson	Apr. 12	Oct. 23	Mch. 28	Nov. 7	224
Florence No. 1	Feb. 25	Nov. 13	Mch. 23	Nov. 11	233
Garnett	Feb. 26	Nov. 13	.....	.....	.....
Georgetown	Apr. 12	Nov. 13	Mch. 10	Nov. 18	253
Kingstree	Feb. 26	Oct. 9	Mch. 16	Nov. 15	244
Orangeburg No. 1	Apr. 12	Nov. 13	.....	.....	.....
Paris Island	Jan. 28	Jan. 2	Feb. 24	Dec. 1	280
Pinopolis	Feb. 26	Dec. 19	Mch. 6	Nov. 26	265
Society Hill	Apr. 12	Nov. 13	Mch. 22	Nov. 8	231
Summerville	Apr. 12	Nov. 13	Mch. 15	Nov. 14	244
Yemassee	Apr. 12	Nov. 13	Mch. 13	Nov. 12	244
Normal	.....	.....	Mch. 17	Nov. 13	241
Averages for 1921	Mch. 20	Nov. 16	.....	.....	241
WESTERN PORTION.					
Aiken	Apr. 11	Dec. 30	Mch. 16	Nov. 18	247
Anderson	Feb. 24	Nov. 13	Mch. 27	Nov. 5	223
Batesburg	Feb. 26	Nov. 13	Mch. 27	Nov. 12	230
Calhoun Falls	Apr. 19	Nov. 11	.....	.....	.....
Camden	.....	Dec. 30	Mch. 11	Nov. 11	245
Clemson College	Mch. 4	Oct. 14	Apr. 2	Nov. 3	215
Columbia	Feb. 24	Dec. 30	Mch. 18	Nov. 18	245
Due West	Apr. 11	Dec. 30	Mch. 21	Nov. 10	234
Greenville	Feb. 25	Nov. 13	Apr. 3	Nov. 2	213
Greenwood	Feb. 25	Nov. 13	Mch. 25	Nov. 8	228
Heath Spring	Feb. 26	Oct. 14	Mch. 29	Nov. 4	220
Kershaw	Apr. 12	Nov. 13	.....	.....	.....
Landrum	Apr. 12	Oct. 9	.....	.....	.....
Laurens	Apr. 12	Oct. 14	.....	.....	.....
Liberty	Apr. 12	Nov. 13	Mch. 31	Nov. 2	216
Little Mountain	Feb. 28	Nov. 13	Mch. 25	Nov. 11	231
Monetta	Feb. 24	Nov. 13	Mch. 27	Nov. 8	226
Newberry	Feb. 26	Oct. 14	Mch. 30	Nov. 4	219
Saluda	.....	Oct. 14	Apr. 5	Oct. 26	204
Santuck	Apr. 19	Oct. 9	Apr. 3	Oct. 31	211
Spartanburg	Apr. 12	Nov. 13	Mch. 30	Nov. 1	216
Trenton	Feb. 24	Nov. 13	Mch. 21	Nov. 14	238
Walhalla	Apr. 19	Oct. 9	Apr. 8	Oct. 29	204
Winnsboro	Feb. 25	Nov. 13	Mch. 27	Nov. 12	230
Winthrop College	Mch. 4	Nov. 13	Mch. 29	Nov. 5	221
Normal	.....	.....	Mch. 27	Nov. 7	225
Averages for 1921	Mch. 19	Nov. 18	.....	.....	244
Section Normal	.....	.....	Mch. 23	Nov. 10	232
Section averages for 1921	Mch. 19	Nov. 17	.....	.....	243

NOTE.—Killing frost data in above table determined according to the following standard: Last or first clear or partly cloudy day with temperature of 32° or lower and last or first cloudy day with 31° or lower, but without rain, sleet or snow; in case of precipitation, then the next preceding or succeeding day with proper temperature and weather was used. The average number of growing days is the difference between the average spring and autumn killing frost dates.

NORMAL ANNUAL TEMPERATURE AND PRECIPITATION AND LOCATION OF OBSERVING STATIONS

(Black lines, temperature; red shading, precipitation.)

LN SC

MAR 6 1922

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., JANUARY, 1922. No. 1.

GENERAL SUMMARY.

Thermal conditions ranged somewhat below the seasonal average, but the month was comparatively mild and open until about the closing week. Precipitation was close to normal, on the whole; the distribution was poor, however, with a superabundance in the Piedmont and relatively light amounts elsewhere.

Although the weather was generally mild and open until about the 24th, the succeeding low temperatures checked abnormal crop development, and winter cereals and hardy winter truck maintained good condition generally. Some grain was being pastured toward the middle of the month. Spinach shipments began in the trucking districts about the 17th, and winter cabbage shipments, about the 24th. Excepting some young lettuce, no material damage to the winter truck crops resulted from freezing during the closing week of the month. Hog killing became more or less general. Wet soil retarded plowing in the Piedmont toward the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.20 inches. The highest pressure was 30.60 inches at Charlotte, N. C., on the 7th, and in the Section proper, 30.58 inches at Due West on the same date; the lowest pressure was 29.17 inches at Charlotte, N. C., on the 11th, and in the Section proper, 29.25 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 44.2°, or 1.3° below the normal. The highest temperature was 81° at Yemassee on the 20th and at Conway and Georgetown on the 21st. The warm periods were from the 4th to 6th, 9th to 11th, 15th to 16th, and 18th to 22d. The lowest temperature was 14° at Santuck on the 2d. The cold periods were from the 1st to 2d, 7th to 8th, 12th to 14th, and 23d to 31st. The first freezing temperatures of the autumn and winter did not reach the lower coast until January 2.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 66%; 8 p. m., 74%. The greatest percentages occurred along the coast, and the lowest, over the northern interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 3.53 inches, or 0.07 inch above the normal. The bulk of the month's rainfall was recorded between the 6th and 11th and from the 20th to 27th. Precipitation was poorly distributed, the Piedmont having a superabundance, while two-thirds the Section had less than 3 inches. The greatest local monthly amount was 8.64 inches at Landrum, and the least local monthly amount was 1.57 inches at Florence No. 1, Florence County. The greatest amount during any 24 hours was 2.00 inches at Walhalla on the 20th. The average number of rainy days was 12% above normal.

Rain and sleet or snow fell throughout the Section at intervals between the 23d and 27th, and the total snowfall, ranging from Traces to 7.5 inches, was measured principally during that period.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 9.4 miles. The highest average velocity was 12.4 miles per hour at Savannah, Ga., and in the Section proper, 12.0 miles per hour at Charleston; the lowest average was 6.6 miles per hour at Augusta, Ga., and in the Section proper, 8.0 miles per hour at Columbia. The highest velocity for any 5-minute period was 50 miles per hour from the west at Savannah, Ga., on the 11th, and in the Section proper, 37 miles per hour from the south at Charleston on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 126.9 hours, or 40% of the possible amount. The average number of clear days was 10; partly cloudy, 6, and cloudy, 15, as against normals of 13, 11 and 7 days, respectively.

RIVER CONDITIONS.

Freshet conditions prevailed in the upper Saluda River at Pelzer from the 21st to the 24th. The Santee River was in moderate flood as follows: At Rimini, 12th to 16th and 24th to 29th; at Ferguson, 14th to 20th and 24th to 30th.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing.—Additional number of stations reporting: 2d, 2.

Halos—Solar: Columbia, 5, 16, 22, 29; Due West, 2, 4, 16, 22, 29; Greenville, 16, 17, 22.

Fog, Dense.—Calhoun Falls, 9: Catawba, 9, 18; Charleston, 9, 10, 18, 19; Columbia, 9, 10, 18, 19; Due West, 9; Greenville, 9, 19; Kingstree, 6, 10; Liberty, 5; Monetta, 9, 18, 19; Pelzer, 9; Rimini, 18; Trenton, 9.

MISCELLANEOUS DATA FOR JANUARY, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.20	38.2	63	12	2.84	0.74	9.3	nw.	79	60	72	33
Augusta, Ga.	30.20	45.8	78	23	2.70	1.25	6.6	ne.	84	69	74	44
Charleston, S. C.	30.18	47.4	74	26	2.48	0.60	12.0	n.	83	65	77	51
Charlotte, N. C.	30.19	40.2	68	18	5.24	1.31	7.1	ne.	77	64	70	40
Columbia, S. C.	30.21	44.1	78	24	2.22	1.12	8.0	ne.	81	66	72	34
Due West, S. C.	30.22	42.2	68	19	3.92	1.16	9.9	ne.	82	66	....	32
Greenville, S. C.	30.18	41.8	66	21	5.32	1.33	9.6	ne.	81	71	75	43
Savannah, Ga.	30.19	49.0	78	27	3.01	0.73	12.4	ne.	82	67	74	43
Wilmington, N. C.	30.19	44.0	76	22	3.57	0.97	9.4	n.	81	69	77	40
Means and extremes	30.20	43.6	78	12	3.48	1.33	9.4	ne.	81	66	74	40

Climatological Data for January, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr: Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches: Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of days: With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Eastern Portion.																				
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	44.3	−3.2	70	20	20	13	44	2.13	−0.79	0.98	3.0	7	17	2	12	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. G. Evans.
Charleston	Charleston	48	51	47.4	−0.6	74	6	26	26	24	2.48	−0.88	0.60	0	8	11	7	13	n.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	43.8	−1.2	71	6	19	2	38	2.40	−0.50	1.35	T.	5	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	45.7	−2.3	81	21	22	2	49	2.73	−0.74	0.84	0.2	8	10	2	19	ne.	Paul Quattlebaum.
Darlington	Darlington	175	27	[b]45.8	+0.3	[b]79	21	[b]19	2	[b]38	3.79	+1.24	1.35	1.0	9	12	2	17	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	2.58	−0.78	1.10	T.	7	...	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	[a]44.6	−2.7	[a]75	† 5	17	2	[a]50	2.50	−1.08	0.80	2.2	9	.....	.....	.....	.....	Henry C. Savage
Florence 1	Florence	136	40	45.4	−0.1	78	21	23	2	36	1.57	−0.73	0.98	0.5	8	8	7	16	ne.	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	2.00	−0.80	.....	0.4	12	10	7	14	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	4.78	.....	80	20	17	2	42	2.22	.....	0.90	0	9	9	9	13	n.	Maner B. Robert.
Georgetown	Georgetown	12	29	47.1	−1.7	81	21	22	26	51	2.60	−0.80	0.95	2.0	8	14	5	12	n.	A. P. Hazard.
Kingstree	Williamsburg	54	40	45.8	−1.9	78	† 6	21	† 2	51	2.09	−1.00	0.65	0.4	9	13	3	15	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	45.8	.....	80	21	18	2	50	2.59	.....	1.38	2.0	10	9	17	5	ne.	U. S. Fisheries Station
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	2.74	.....	1.20	1.5	9	11	6	14	ne.	State A. and M. College.
Paris Island	Beaufort	13	41	49.0	−2.6	79	† 6	27	† 2	35	3.40	+0.67	1.60	0	6	9	6	16	ne.	U. S. Marine Corps.
Pinopolis**	Berkeley	54	75	45.7	−2.1	74	22	20	† 2	.....	2.94	−0.16	1.60	2.0	6	11	3	17	nw	Miss E. P. Ravenel.
Rimini	Clarendon	97	8	.....	.....	.....	.....	.....	.....	.....	3.04	.....	1.45	0.2	7	...	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	[a]44.7	−0.6	[a]77	21	[a]19	2	[a]40	2.68	−0.32	1.30	1.0	8	8	5	18	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	47.5	−1.9	80	† 6	26	2	49	3.40	+0.34	1.01	T.	9	14	4	13	nw.	E. P. Lawton.
Yemassee	Hampton	24	33	47.9	−0.4	81	20	26	2	53	2.65	−0.12	1.05	0	5	15	3	13	ne.	W. C. Hutson.
Division means and	extremes	....	..	46.1	−1.7	81	†20	17	2	53	2.63	−0.44	1.45	0.8	8	11	6	14	ne.	
Western Portion.																				
Aiken	Aiken	527	60	46.1	0.0	78	21	22	1	31	2.78	−0.80	1.29	1.0	8	14	0	17	ne.	Frank B. McCoy.
Anderson	Anderson	764	29	[a]43.1	−1.2	67	4	[a]20	2	[a]37	4.61	+0.78	1.30	0.5	13	10	0	21	e.	H. H. Russell
Batesburg	Lexington	656	38	46.0	+0.6	74	20	24	26	39	3.49	−0.12	1.38	T.	10	10	6	15	nw	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	2.65	−0.83	1.09	T.	10	...	..	...	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	41.0	.....	71	19	20	† 2	44	3.61	−0.39	1.23	0.2	11	6	7	18	n	L. M. Parker.
Camden	Kershaw	222	72	45.2	−0.9	76	21	23	26	44	2.73	−0.65	0.90	0.3	8	11	2	18	e.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	3.94	+0.47	1.24	T	9	.....	.....	.....	.....	James C. Faris
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	3.13	0.29	1.18	0.5	11	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	[a]43.3	+0.7	[a]67	† 4	15	2	[a]46	6.74	+1.82	1.54	2.0	8	3	12	16	sw.	Prof. F. H. D. Calhoun.
Columbia	Richland	351	36	44.1	−1.0	78	21	24	26	29	2.22	−1.07	1.12	0.7	9	8	8	15	ne.	U. S. Weather Bureau
Due West	Abbeville	711	8	42.2	.....	68	21	19	2	29	3.92	.....	1.16	0.4	11	7	7	17	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	2.97	.....	1.10	T.	9	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	5.56	+1.60	1.21	4.5	9	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	41.8	+0.7	66	21	21	26	27	5.32	+1.89	1.33	3.1	15	6	9	16	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	42.1	−0.8	70	†20	20	† 2	40	4.05	+0.27	1.10	2.0	10	10	0	21	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	43.2	−0.2	67	5	18	† 1	38	3.01	−0.58	1.00	T.	6	6	9	16	ne.	J. Marvin Bowers
Kershaw	Kershaw	500	6	43.2	.....	74	21	20	13	36	2.88	.....	1.37	T.	6	13	0	18	ne.	John W. Hamel.
Landrum	Spartanburg	1063	7	41.6	.....	66	† 4	17	14	36	8.64	.....	1.51	3.0	13	10	9	12	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	41.0	.....	68	21	18	2	34	5.59	.....	1.08	T.	8	5	13	13	.....	Perry A. Simpson.
Liberty	Pickens	900	22	42.1	−0.8	66	4	18	2	40	6.12	+1.22	1.30	7.5	13	6	12	13	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	43.4	−2.1	73	21	20	26	34	2.95	−0.43	1.50	0.5	11	8	6	17	ne.	I. M. Sease, M. D.
Monetta	Saluda	400	15	45.2	−1.9	76	21	19	2	39	3.05	−0.33	1.28	T.	11	9	9	13	ne	Joseph M. Johnson.
Newberry	Newberry	502	18	[a]43.6	−1.2	72	19	[a]21	26	[a]38	2.25	−1.64	1.12	1.0	6	8	13	10	se.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	5.46	+1.08	1.50	0.8	11	...	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	43.8	−1.6	74	21	16	2	42	3.20	−0.45	0.98	T.	9	12	4	15	n.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	42.6	−0.5	70	20	14	2	45	4.07	+0.37	1.13	1.2	12	10	4	17	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	42.0	−0.4	68	21	20	26	38	5.22	+1.41	1.22	3.0	13	...	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	29	44.2	−2.4	76	21	20	2	39	2.58	−0.75	1.20	1.0	7	10	8	13	e.	Mrs. S. E. Long
Walhalla	Oconee	1061	22	42.4	−0.2	66	† 4	16	2	44	7.39	+2.60	2.00	1.8	12	10	5	16	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	28	[a]42.0	−2.2	[a]74	21	19	2	35	2.65	−0.73	0.95	T.	10	12	2	17	ne.	Rev. Oliver Johnson
Winthrop College ††	York	690	22	40.4	−3.1	65	21	18	2	34	4.91	+1.46	1.25	3.4	9	12	3	16	n.	R. F. Gooding.
Division means and	extremes	.....	....	43.0	−1.2	78	21	14	2	[a]45	4.12	+0.36	2.00	1.3	10	9	6	16	ne.	
Section means and	extremes	.....	.....	44.2	−1.3	81	†20	14	2	53	3.53	+0.07	2.00	1.1	9	10	6	15	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for January, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah																																
Blackville ‖‖	Edisto										.10	.98													.30	.30		.15	.10	.20			2.13
Bowman	....do																																
Charleston ***	Coast	T.						T.	.60		.10	.29						.27						.09	.19	.50	.43	.01				T.	2.48
Cheraw ‖‖	Pee Dee						.36	.20		.35		1.35														T.		.14	T.				2.40
Conway ‖‖	Waccamaw								.09	.40		.84							.22	T.				.18	.20	.31	.49	T.					2.73
Darlington ‖‖	Pee Dee					.20	.05	.12	.37	T.	1.35								T.			T.	T.	.10	.10		.50	1.00					3.79
Effingham ‖‖	Lynches						T.	.20	.38		1.10								.07	T.				.12	.20		.51						2.58
Ferguson ‖‖	Santee				T.		.12	.31				.80							.21	T.				.09	.41	.20	.32	.04					2.50
Florence 1 ‖‖	Pee Dee						.04	.10	.14	.04	.98								.04					.14	.09			T.					1.57
Florence 2 ‖‖	....do						*	*	*	*	1.08		.01						.35					.02	.35	.15	.02	.02					2.00
Garnett	Savannah						.07	.18			.90							.23						.01	.19	.25	.09	.30					2.22
Georgetown	Coast								.25			.95						.40						.15	.20	.15	.25	.25					2.60
Kingstree ‖‖	Black						.05	.10	.14		.65								.32					.10	.30	.15	.28						2.09
Orangeburg 1	Edisto						.10	.06	.14	1.38												.03			.34	.20	.12	.14	.08					2.59
Orangeburg 2	....do						.30	.10	.10	.10	1.20	.12						T.							.30	.15	.37							2.74
Paris Island	Coast								.20			1.00						.20	.50							.80		.70						3.40
Pinopolis	Cooper							.34	.10									1.00						.10	1.00	.40							2.94
Rimini ‖‖	Santee							.10	.25	.14		1.45														.40	.20	.50					3.04
Society Hill ‖‖	Pee Dee						.37	.15	.06	.31	.03	1.30													.12			.34					2.68
Summerville	Ashley							.37	.28	.02		.80						.45						.12	.35	*	1.01						3.40
Vemnssee ‖‖	Ashepoo							.14				1.05							.36								1.05	.05					2.65
Western Portion.																																	
Aiken	Edisto						.23	.27	.08	.15		1.20												.16	.35	.25							2.78
Anderson	Savannah				.05	.40		.74			.20	1.10		T				.10	.05	.10	.74	.65		.10	.25		T.	.16					4.61
Batesburg ‖‖	Edisto					.32	.22	.59	.22	1.38		T.						.22							.11	.25	.14		.04				3.49
Blairs ‖‖	Broad					.22	.14	.20	.33		1.09			T.	T.						.04	.09			.09	.27		.18					2.65
Calhoun Falls ‖‖	Savannah					.33	.08	.36	.44		1.23	T			T.		T.	T.			.12	.69	.15		.08	.10		.03					3.61
Camden ‖‖	Wateree					.20	.22	.28	.52		.90														.06	.40		.15					2.73
Catawba ‖‖	Catawba					.28	.16	.50	.18		1.24			T.							.38	1.00	.02					.18					3.94
Chappells ‖‖	Saluda					.20	.29	.28	.50		1.18										.05	.09	.13		.12	.18		.20					3.13
Clemson College	Savannah				.90				1.50		1.54			T.						.40	.95	1.00			.25		.20						6.74
Columbia ***	Congaree				T	.20	.12	.49		.59	.53			T.				T.	T.	T.		.01		T.	.26		.01		T.			.01	2.22
Due West***	Savannah					.20	.13	.02	.85		1.07	.09		T		T.		T.	T.	T.	1.05	.17		.02	.24		.08	T.				T	3.92
Edgefield ‖‖	Savannah						.25	.30	.30	.18		1.10											.34		.15	.25		.10					2.97
Gaston Shoals ‖‖	Broad						.67		.89	.27		1.21			T.						.55	1.10				T.	.35	.45	.07			T.	5.56
Greenville ***	Saluda					.70	.11		.74		1.16	.17		T				.01	.02	.76	.91	.25		.03	.06		.21	.17				.02	5.32
Greenwood ‖‖	....do						.63		.31	.60		1.10									.26	.28	.17		.16	.20		.34					4.05
Heath Spring	Wateree						.46		.68	.41	1.00										.06				T.		.40						3.01
Kershaw ‖‖	Lynches						.12	.39		.63		1.37														13		T.		.24			2.88
Landrum	Broad					.23	.42		1.21			1.51		T.			.08	.12	.04	.76	1.28	2.36		.31	.06		T.	.20	T.				8.04
Laurens ‖‖	Saluda						.42		.15	.36		1.08		T.					T.	*	2.45	.73		T.	.20	.20							5.59
Liberty	Savannah					.20	1.10		1.30		.20	1.30		T.				.01	.06	.30	.83			.10	.22		.30	.20					6.12
Little Mountain	Saluda						.50	.10	.35		.35	1.15		.03								.05		.05	.20		.02	.15	T.				2.95
Monetta	Edisto						.26	.18	.32	.25	.01	1.28																						3.05
Newberry	Saluda						.42	.05	.38		1.12											.10	.08			T.	.10	T.						2.25
Pelzer ‖‖	....do				T	.54	T.	.56	.36		1.50			T.					T.	.10	.80	.88	.22		.19	.20		.18	T.				5.46
Saluda	....do					.40		.45	.36	.10	.98											.10	.05		.31			.47					3.20
Santuck	Broad				.01	.33		.73	.08	1.05		T.				T.		.06	.59	.52				.08	.24		.14	.24	T				4.07
Spartanburg ‖‖	....do					.78	.02	.60	.23		1.22			T.				.07	.02	.85	.99	.09				.03		.26	.06				5.29
Trenton	Edisto				T	.37	.14	.20	.13	T.	1.20			T.					T.	T.	T	.22	T.	.22	.10	T		T.					2.58
Walhalla	Savannah				.60	.37		1.10		1.20				T.				.08	.02	.90	2.60	.72		.05	.20		.03	.12					7.39
Winnsboro ‖‖	Broad					.22	.20	.27	.44		.05										.01		.06		.09	.20		.21	T.				2.65
Winthrop College	Catawba				.09	.46		.94		.11	1.25										.19	.52	1.25					.10					4.91

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	40.1	73	5	2.80	8				
1888	46.2	76	15	2.94	10				nw
1889	44.9	78	15	5.81	10				ne.
1890	54.1	81	17	1.16	6				sw.
1891	46.2	75	21	3.56					w.
1892	42.7	72	16	6.75					nw.
1893	38.0	71	3	2.52	6				
1894	47.9	77	19	3.15	10	10	9	12	ne
1895	44.2	80	5	7.31	13	9	9	13	sw.
1896	43.8	72	9	3.02	6	12	10	9	ne.
1897	42.2	76	3	2.29	7	13	8	10	nw.
1898	49.2	82	8	1.80	6	12	10	9	sw.
1899	44.1	78	17	4.72	11	10	7	14	n
1900	44.0	75	3	2.43	8	16	6	9	nw.
1901	45.1	81	18	3.55	9	14	7	10	nw
1902	42.4	80	11	2.05	5	15	7	9	sw.
1903	43.7	77	13	3.85	11	10	6	15	w.
1904	40.2	74	8	2.97	8	15	5	11	n.
1905	41.4	77	8	2.00	7	15	6	10	w.
1906	47.0	83	12	5.85	11	12	4	15	ne.
1907	53.4	89	18	0.71	4	15	9	7	sw.
1908	44.2	76	17	4.86	9	13	8	10	w.
1909	49.6	83	9	1.54	5	12	9	10	ne.
1910	45.5	80	11	2.98	7	14	10	7	w.
1911	49.8	82	16	1.58	5	14	8	9	sw.
1912	40.2	79	6	4.92	9	13	4	14	w.
1913	53.8	82	23	3.21	8	10	6	15	sw.
1914	46.7	81	18	2.66	5	16	9	6	w.
1915	45.1	74	19	6.31	9	12	6	13	ne.
1916	52.3	81	10	1.76	9	10	9	12	ne.
1917	49.7	79	9	3.74	12	10	7	14	sw.
1918	37.3	82	2	4.45	10	13	6	12	ne.
1919	47.1	80	8	4.15	7	19	5	7	ne.
1920	46.2	85	6	3.66	7	12	7	12	w.
1921	46.9	79	17	3.84	7	15	6	10	w.
1922	44.2	81	14	3.53	9	10	6	15	ne.
Period	45.5	89	−2	3.46	8	13	7	11	ne.

Daily Temperatures for January, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum																																
Blackville	Maximum	44	50	58	68	65	62	60	54	50	64	58	41	40	43	50	53	42	47	60	70	67	65	68	60	36	33	32	35	47	46	47	52.1
	Minimum	25	28	24	41	53	49	45	39	37	45	39	24	20	22	36	38	35	34	39	53	58	55	54	40	22	21	22	28	33	38	35	36.5
Bowman	Maximum																																
	Minimum																																
Charleston	Maximum	55	42	55	68	72	74	53	44	52	64	64	49	48	50	61	68	51	49	59	71	73	71	53	42	31	34	35	46	55	46	57	54.6
	Minimum	34	29	36	45	56	53	42	38	41	40	46	35	30	34	38	44	42	41	49	55	58	53	42	31	26	26	34	31	35	38	40	40.1
Cheraw §§§	Maximum	57	45	52	67	71	62	55	42	48	58	55	49	43	48	61	65	52	58	63	68	68	62	53	40	32	32	32	46	57	51	52	53.0
	Minimum	40	19	25	34	44	54	38	31	34	35	38	27	22	25	29	35	31	33	51	52	55	52	39	32	25	22	24	27	29	34	34	34.5
Conway	Maximum	59	46	59	72	71	74	54	43	49	64	59	56	42	48	64	68	57	53	74	79	81	75	52	41	31	34	36	41	53	46	58	56.1
	Minimum	43	22	23	41	46	50	40	34	35	37	37	36	20	29	26	32	37	38	44	46	57	51	39	29	23	23	30	29	29	33	34	35.3
Darlington §§	Maximum	54	47	58	72	74	63	41	39	45	60	61	51	47	.....	.....	70	46	60	69	69	79	65	46	33	30	35	33	50	57	46	53	b55.7
	Minimum	24	19	24	37	47	55	38	32	33	37	40	33	20	28	.....	.....	32	36	40	49	55	55	35	31	25	24	26	28	32	35	34	b36.0
Ferguson §§	Maximum	45	43	70	70	75	72	44	45	46	62	51	46	48	60	64	64	42	51	70	75	75	70	46	43	28	34	44	55	45	47	....	a54.3
	Minimum	30	17	20	28	46	51	40	34	36	38	40	38	23	27	29	36	37	39	39	48	56	57	43	34	24	24	26	30	32	30	33	35.0
Florence 1	Maximum	54	47	52	74	74	51	43	43	43	45	56	49	46	53	66	68	42	62	69	68	78	64	46	40	32	34	33	41	55	44	50	53.5
	Minimum	43	23	38	43	51	42	39	34	36	39	45	35	25	28	34	37	35	37	45	52	59	55	38	32	25	24	30	29	33	35	35	37.3
Garnett	Maximum	57	49	63	75	77	79	70	44	58	55	62	54	51	53	67	69	57	50	74	80	77	71	63	45	36	33	34	49	58	51	57	58.6
	Minimum	43	17	21	35	47	50	43	36	39	35	52	37	24	22	28	31	39	40	47	53	57	59	41	36	27	25	31	30	27	37	37	37.0
Georgetown	Maximum	55	50	60	73	79	78	68	45	58	57	55	54	50	53	67	69	61	49	75	80	81	72	64	42	33	35	35	42	55	55	59	58.3
	Minimum	46	23	23	32	42	55	39	33	36	36	46	38	37	28	27	32	39	38	43	53	41	52	41	30	24	22	30	27	29	34	36	35.9
Kingstree	Maximum	59	46	60	72	76	78	59	42	47	48	63	56	47	51	65	68	62	48	73	78	78	73	60	44	33	34	35	45	57	50	56	56.9
	Minimum	43	21	21	37	46	53	39	34	35	39	46	37	21	23	26	31	31	37	44	43	53	38	42	30	23	24	31	30	25	36	36	34.7
Orangeburg 1	Maximum	57	45	61	72	76	71	54	43	48	47	60	56	46	51	61	65	53	49	72	77	80	77	59	42	34	32	33	47	56	54	53	55.8
	Minimum	42	18	22	38	49	51	40	33	36	36	46	36	25	27	27	32	36	38	41	49	58	54	41	33	24	24	29	29	28	37	35	35.9
Paris Island §§§	Maximum	61	46	60	71	73	79	58	48	58	76	56	54	59	53	65	70	49	54	64	76	74	79	54	62	37	37	36	47	56	48	59	58.5
	Minimum	46	27	32	43	52	52	44	37	38	41	48	39	29	29	35	39	41	40	41	52	53	56	46	40	30	27	29	30	29	37	37	39.4
Society Hill §§§	Maximum	49	43	63	69	73	58	41	37	45	59	...	60	44	48	63	66	40	57	65	65	77	61	45	33	31	37	32	46	54	46	51	a51.9
	Minimum	30	19	20	28	44	51	38	32	33	37	37	...	29	29	31	39	31	35	39	47	56	53	38	31	25	23	26	28	36	35	34	a37.5
Summerville	Maximum	56	47	60	72	77	80	64	45	48	55	65	53	50	53	66	69	53	49	73	77	80	73	61	45	34	33	34	47	57	48	58	57.5
	Minimum	40	20	23	37	48	51	42	35	38	36	50	37	24	25	27	32	39	44	44	53	57	59	41	32	25	24	31	30	28	37	54	37.5
Yemassee	Maximum	63	49	67	74	78	78	72	44	58	53	61	54	50	53	67	69	59	49	76	81	77	72	60	45	36	36	34	48	58	53	58	59.1
	Minimum	46	20	21	37	46	50	42	35	38	34	51	38	22	24	27	33	39	40	45	50	55	58	42	39	25	24	28	28	27	38	37	36.7
Western Portion.																																	
Aiken	Maximum	58	48	59	68	73	70	54	40	56	55	57	55	46	50	64	63	60	53	71	74	78	77	53	42	34	32	32	48	55	51	50	55.7
	Minimum	22	28	34	44	53	54	38	32	35	41	45	42	42	47	59	61	44	41	62	61	64	61	49	39	34	30	36	54	54	47	46	50 3
Anderson	Maximum	45	47	53	67	58	58	50	42	64	53	45	32	24	25	35	30	34	38	42	52	59	42	38	33	27	22	26	31	...	38	32	a35.9
	Minimum	33	20	30	45	51	49	40	32	36	40	35	28	25	22	33	42	35	38	42	52	59	42	38	33	27	22	26	31	...	38	32	a35.9
Batesburg	Maximum	48	49	59	69	73	60	62	54	54	47	57	47	43	58	62	64	46	52	70	74	73	60	50	40	36	34	33	50	54	46	51	54.0
	Minimum	37	32	30	40	54	55	54	33	37	39	47	31	24	30	32	39	34	38	47	56	58	50	40	36	25	24	25	30	30	39	36	38.1
Calhoun Falls §§§	Maximum	45	43	58	69	55	55	43	37	62	49	55	41	43	49	62	61	42	54	71	66	69	58	42	38	32	28	35	52	56	48	47	50.5
	Minimum	29	20	20	25	38	49	40	32	32	35	38	25	22	21	22	29	32	32	36	52	56	39	38	34	26	20	21	25	25	27	30	31.5
Camden §§§	Maximum	48	47	57	75	74	60	49	49	57	59	59	46	47	50	67	67	48	54	69	74	76	62	47	38	33	36	39	47	50	51	39	54.5
	Minimum	42	30	24	31	39	54	41	39	39	39	41	34	25	26	33	36	37	37	40	47	50	51	39	34	24	23	25	26	36	36	39	36.0
Clemson College	Maximum	55	56	...	67	62	60	58	45	59	59	55	46	40	47	58	64	57	46	53	61	67	64	53	41	37	32	40	52	57	51	52	a53.1
	Minimum	33	15	21	29	44	50	42	37	34	35	41	27	23	21	26	26	37	39	43	43	57	39	27	33	27	22	27	35	36	38	31	33.5
Columbia	Maximum	51	44	57	68	73	61	45	40	48	50	58	43	43	49	63	65	42	51	69	72	78	65	45	40	31	31	31	49	54	45	49	51.9
	Minimum	29	24	30	44	54	45	39	32	37	37	40	31	26	27	31	37	34	37	46	57	60	43	39	30	25	24	28	29	30	39	37	36.3
Due West	Maximum	45	43	55	66	60	53	45	40	61	47	55	40	40	46	60	59	40	47	66	64	68	57	44	39	32	28	33	49	54	45	46	49 3
	Minimum	27	19	28	41	50	45	39	32	36	39	38	28	25	24	31	37	35	37	47	56	57	43	38	31	25	23	26	31	28	36	33	35.0
Greenville	Maximum	46	41	50	65	56	54	45	40	57	50	53	40	38	43	55	59	43	45	59	61	66	53	43	38	33	29	37	48	54	47	49	48.4
	Minimum	27	24	31	46	40	45	39	31	30	41	37	27	24	24	34	37	35	38	43	56	56	42	37	32	24	21	26	33	35	37	33	35.3
Greenwood	Maximum	57	44	43	55	66	63	53	42	40	55	48	55	40	40	65	60	60	41	52	70	65	70	60	43	37	33	29	38	49	56	46	50.6
	Minimum	33	20	29	30	43	51	40	32	31	37	39	29	24	25	25	39	33	34	35	51	57	43	39	35	26	20	21	25	30	35	30	33.6
Heath Spring	Maximum	50	49	48	65	67	65	61	57	52	55	54	52	49	45	58	60	58	59	63	61	62	65	63	54	45	39	34	50	53	47	46	54.4
	Minimum	18	18	27	42	51	45	37	30	32	34	43	28	21	25	33	41	33	35	35	36	36	37	38	36	23	20	25	26	28	34	39	32.0
Kershaw	Maximum	51	42	52	56	71	66	47	41	56	48	56	47	42	47	60	62	62	53	65	68	74	67	67	39	33	28	36	48	53	47	49	52.4
	Minimum	32	22	26	40	49	45	38	34	34	35	44	29	20	24	31	32	32	35	45	45	59	49	38	30	24	21	25	29	27	35	33	33.9
Landrum	Maximum	52	46	56	66	66	55	51	41	60	56	49	40	40	44	53	46	45	47	56	64	66	62	46	38	36	31	36	50	56	47	55	49.8
	Minimum	29	22	30	44	48	46	38	31	31	37	40	29	18	17	31	32	34	38	42	50	49	41	35	33	22	19	27	29	32	35	28	33.4
Laurens §§§	Maximum	45	43	54	66	60	52	42	38	53	48	57	42	41	46	58	61	40	53	64	65	68	56	42	36	32	28	33	49	53	45	47	48.9
	Minimum	33	18	20	32	39	51	40	33	33	35	26	26	27	23	25	35	34	36	39	52	57	41	40	37	27	22	23	28	25	28	32	33.1
Liberty	Maximum	58	43	58	66	58	53	54	42	52	52	53	45	38	45	54	60	48	44	53	55	52	46	58	52	36	33	39	49	55	57	52	50.4
	Minimum	34	18	26	46	49	33	40	33	40	43	32	28	23	24	29	39	36	39	39	40	37	33	38	36	26	21	33	34	30	37	32	33.8
Little Mountain	Maximum	53	43	55	66	69	70	47	39	46	45	56	55	41	47	61	61	53	60	68	70	72	65	53	45	31	29	29	48	52	49	46	52.4
	Minimum	32	22	30	43	52	45	36	31	33	33	42	28	23	25	34	41	31	35	45	50	50	47	36	30	25	20	25	27	33	29	30	34.3
Monetta	Maximum	56	47	57	68	72	69	48	38	55	53	57	52	44	48	63	65	58	53	70	72	76	71	56	41	32	30	30	47	55	50	46	54.2
	Minimum	39	19	29	42	51	48	38	32	35	37	41	31	25	25	33	39	33	37	46	58	60	48	38	32	26	22	30	29	33	37	33	36.3
Newberry	Maximum	65	50	60	60	68	64	55	42	49	50	59	50	40	49	62	62	43	53	72	68	71	69	52	47	34	33	34	44	54	46	58	63.7
	Minimum	33	27	33	34	38	30	30	.....	.....	.....	.....	32	29	21	27	33	30	34	45	51	57	42	40	32	23	21	24	32	33	39	38	d33.5
Saluda	Maximum	37	43	53	67	69	68	50	50	52	52	49	48	49	48	55	55	52	60	69	74	66	55	42	40	35	32	47	49	50	51	52.4
	Minimum	35	16	25	37	40	47	48	33	35	33	44	35	23	22	26	36	34	37	47	57	60	47	38	31	30	22	26	30	24	37	38	35.2
Santuck	Maximum	51	46	55	67	65	65	47	43	49	58	44	41	59	60	41	48	68	65	65	76	66	48	41	35	35	30	32	44	50	46	48	51.0
	Minimum	32	14	22	38	38	46	43	32	33	42	24	18	27	40	33	36	45	54	53	60	41	39	33	25	27	21	24	29	24	35	29	34.1
Spartanburg	Maximum	50	43	51	66	61	57	49	42	59	50	52	43	41	44	56	61	40	47	54	62	68	59	43	40	36	29	35	49	54	52	50	49 8
	Minimum	32	21	28	39	48	49	39	32	33	37	40	30	21	22	30	39	31	37	44	53	51	41	39	32	24	20	29	31	26	36	33	34 3
Trenton	Maximum	45	45	56	67	72	67	50	39	54	47	56	48	42	48	62	63	55	53	70	69	76	69	53	40	34	31	31	49	54	48	46	52.9
	Minimum	32	20	28	39	49	49	37	32	34	41	44	30	25	25	32	42	33	37	46	58	60	46	37	33	26	23	26	29	32	26	32	35.6
Walhalla	Maximum	52	45	51	66	55	61	50	40	65	54	54	43	39	46	58	59	51	45	53	62	66	61	50	39	36	33	44	53	58	50	55	51.4
	Minimum	30	16	22	39	47	46	43	32	29	34	39	24	19	22	24	49	35	38	42	59	51	37	37	34	27	21	27	34	25	36	27	33.5
Winnsboro §§§	Maximum	45	....	56	68	69	56	41	39	52	51	57	43	41	47	60	62	40	50	67	68	74	57	43	40	32	30	33	48	58	53	48	a50 5
	Minimum	37	19	21	43	44	55	38	31	31	34	35	29	23	25	28	36	31	35	37	50	57	47	37	34	25	21	22	24	28	34	32	33.6
Winthrop College	Maximum	40	38	52	60	58	58	46	39	46	45	48	44	40	44	54	52	38	47	60	60	65	60	47	45	36	26	39	44	45	46	46	47.1
	Minimum	30	18	28	37	50	44	37	31	33	33	42	21	22	24	32	38	32	34	45	55	54	44	38	30	21	20	23	26	39	33	29	33.6

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., FEBRUARY, 1922. No. 2.

GENERAL SUMMARY.

The month was unusually mild and open, with 20 dates on which the daily mean temperatures ranged 5 to 23 degrees above normal and but 7 dates with marked subnormal temperatures. Precipitation averaged much above normal and was superabundant in the Piedmont sections.

Winter cereals and hardy winter truck continued in good condition generally, with no material frost damage, except to some young lettuce. White potato planting began in the coastal counties about the 14th, and the spinach harvest was completed about the 21st. The heavy rains during the early and middle parts of the month were followed by freshet conditions in practically all the streams of the Section, and the soil was generally too wet and soggy for satisfactory progress in winter plowing, except on the coastal plain, where the rainfall was not so heavy. The month closed with fruit and early shrubbery buds swelling, and scattered peach blooms were noted.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.16 inches. The highest pressure was 30.67 inches at Asheville, N. C., on the 8th, and in the Section proper, 30.61 inches at Due West on the same date; the lowest pressure was 29.52 inches at Wilmington, N. C., on the 7th, and in the Section proper, 29.58 inches at Columbia on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 52.6°, or 5.5° above the normal. The highest temperature was 84° at Garnett on the 23d. The warmest periods were from the 1st to 6th, 10th to 13th, and 19th to 28th. The lowest temperature was 14° at Walhalla on the 8th. The coldest periods were from the 7th to 9th and from the 15th to the 18th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 86%; noon, 68%; 8 p. m., 76%. The highest percentages occurred along the coast, and the lowest, over the northern interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 6.62 inches, or 2.19 inches above the normal. Precipitation occurred in four fairly well-defined periods, but was rather badly distributed as to amount. The heaviest rainfall was recorded principally on the 5th and 6th and from the 14th to the 16th. In the Piedmont counties and in sections along the middle and lower coast, the monthly amounts were much above normal generally and ranged from 6 to over 10 inches, and in a large portion of the coastal plain the total measurements were less than 5 inches. The greatest local monthly amount was 10.54 inches at Calhoun Falls, and the least was 3.23 inches at Darlington. The greatest amount during any 24 hours was 3.62 inches at Calhoun Falls on the 13th and 14th.

Snow flurries occurred up-State on the 7th and 9th; snowfall ranging from Traces to 2.5 inches occurred on the 15th, 16th, and 17th. The average number of rainy days was 11% above normal.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 8.9 miles. The highest average velocity was 12.3 miles per hour at Savannah, Ga., and in the Section proper, 10.7 miles per hour at Charleston; the lowest average was 6.1 miles per hour at Augusta, Ga., and in the Section proper, 8.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the west at Greenville on 3d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 135.6 hours, or 44% of the possible amount. The average number of clear days was 8; partly cloudy, 8, and cloudy, 12, as against normals of 12, 6, and 10 days, respectively.

RIVER CONDITIONS.

Heavy rains in the middle and up-State counties from the 4th to the 6th and from the 13th to the 16th were followed by general freshet conditions in the Pee Dee and Santee River Districts. The Santee River was in continuous flood at Rimini after the 3d, and at Ferguson, after the 4th. Unavoidable losses in the Pee Dee District approximated $1,000, and movable property saved by timely warnings was estimated at $1,000 in value. In the Santee District, unavoidable losses approximated $7,170, and the value of movable property saved by warnings was estimated at $42,250.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 3, 6; Greenville, 12; Liberty, 16. *Solar:* Charleston, 17, 18; Columbia, 13, 17, 24, 27; Due West, 3, 4, 8, 17, 23, 24, 27; Greenville, 8, 17; Liberty, 16, 17.

Hail.—Walhalla, 13.

Sleet.—Cheraw, 16; Columbia, 7; Little Mountain, 7.

Thunderstorms.—Charleston, 5, 6, 15, 27, 28; Cheraw, 23; Columbia, 13, 14, 15, 23; Due West, 12, 13, 14, 15, 23; Garnett, 5, 24, 27, 28; Landrum, 26; Liberty, 13; Little Mountain, 5, 13, 14, 15, 24; Monetta, 5, 15, 24; Santuck, 7, 15; Summerville, 27; Winnsboro, 14, 24.

MISCELLANEOUS DATA FOR FEBRUARY, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.15	45.2	73	13	4.06	1.39	9.6	se.	82	62	71	42
Augusta, Ga.	30.15	54.9	78	25	4.96	1.70	6.1	s.	88	68	74	49
Charleston, S. C.	30.16	56.4	77	28	5.63	2.65	10.7	sw.	87	68	81	54
Charlotte, N. C.	30.15	48.4	73	20	7.12	2.00	6.5	sw.	84	68	71	41
Columbia, S. C.	30.17	53.4	77	24	5.73	1.87	8.1	ne.	87	69	69	36
Due West, S. C.	30.18	50.2	76	21	7.11	2.02	9.0	sw.	86	65	...	37
Greenville, S. C.	30.13	49.0	73	20	7.21	2.03	9.9	sw.	84	69	75	46
Savannah, Ga.	30.15	58.7	80	28	6.64	3.35	12.3	sw.	90	75	84	42
Wilmington, N. C.	30.17	52.4	76	20	3.15	1.72	8.2	sw.	86	72	82	47
Means and extremes	30.16	52.1	80	13	5.73	3.35	8.9	sw.	86	68	76	44

Climatological Data for February, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	52.9	+4.9	77	12	21	† 7	40	4.50	+0.24	1.50	0	6	14	7	7	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charleston	Charleston	48	51	56.4	+4.7	77	23	28	17	28	5.63	+2.22	2.65	0	11	5	9	14	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	51.1	+6.1	80	23	18	17	39	7.52	+3.43	1.70	T.	9	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	54.8	+7.0	80	23	20	17	46	3.59	−0.77	1.09	0	10	12	2	14	ne.	Paul Quattlebaum.
Darlington	Darlington	175	27	52.2	+6.9	80	23	20	17	42	3.23	−0.64	1.05	0.5	9	14	1	13	.....	D. C. McCall.
Ellingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	5.49	+0.55	1.60	0	10	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	54.0	+6.2	80	23	25	8	41	4.29	+0.40	1.40	0	10	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	51.4	+5.3	73	†22	21	17	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florence 2	.....do	136	7	.....	.....	.....	.....	.....	.....	.....	6.35	+2.20	1.75	T.	9	6	10	12	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	59.0	.....	84	23	23	8	42	4.94	.....	0.96	0	9	1	15	12	sw.	Maner B. Robert.
Georgetown	Georgetown	12	29	56.6	+7.5	78	†11	20	17	52	5.88	+1.74	1.68	0	7	13	6	9	w.	A. P. Hazard.
Kingstree	Williamsburg	54	40	55.4	+7.9	80	23	22	17	48	3.90	−0.05	1.50	0	6	13	2	13	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	55.8	.....	82	23	23	8	48	4.92	.....	1.21	0	8	8	13	7	e.	U. S. Fisheries Station.
Orangeburg 2	.....do	264	2	.....	.....	.....	.....	.....	.....	.....	4.81	.....	1.15	0	9	8	20	10	se.	State A. and M. College.
Paris Island	Beaufort	13	41	57.1	+6.0	79	†26	28	8	33	5.30	+1.78	1.80	0	9	9	8	11	w.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	56.4	+8.0	76	†26	24	8	.....	4.99	+1.46	1.74	0	6	10	7	11	e.	Miss E. P. Ravenel.
Rimini	Clarendon	97	8	.....	.....	.....	.....	.....	.....	.....	5.25	.....	1.52	0	8	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	°50.6	+5.8	°79	23	20	17	°43	6.88	+2.47	1.95	2.5	11	8	11	9	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	57.2	+7.7	78	†21	24	3	44	6.17	+2.00	1.56	0	9	11	7	10	sw.	E. P. Lawton.
Yemassee	Hampton	24	33	58.0	+9.0	83	23	22	8	44	3.84	0.00	1.30	0	6	10	7	11	s.	W. C. Hutson.
Division means and extremes				54.9	+6.9	84	23	18	17	52	5.17	+1.13	2.65	0.2	9	8	9	11	sw.	
Western Portion.																				
Aiken	Aiken	527	60	55.6	+6.6	77	†21	20	8	44	5.78	+1.73	1.63	0	10	13	2	13	n.	Frank B. McCoy.
Anderson	Anderson	764	29	51.6	+6.9	79	21	20	8	42	8.67	+3.54	2.32	0	12	11	1	10	w.	H. H. Russell.
Batesburg	Lexington	656	38	54.9	+9.6	77	†12	26	8	39	5.98	+0.62	1.94	T.	8	10	3	15	sw.	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	8.69	+4.88	2.30	T.	11	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	48.8	.....	78	†21	18	† 8	51	10.54	+5.18	3.62	0	12	7	6	15	e.	L. M. Parker.
Camden	Kershaw	222	72	52.0	+4.2	79	22	23	17	38	5.48	+1.51	1.20	0.1	9	7	1	20	w.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	8.17	+3.84	1.69	T.	11	..	..	..	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	9.54	+5.70	2.20	0.2	10	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	50.7	+7.5	76	21	16	8	45	7.49	+2.11	3.32	0	8	16	12	10	se.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	53.4	+5.6	77	21	24	17	29	5.73	+1.14	1.87	T.	13	5	8	15	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	8	50.2	.....	76	21	21	8	32	7.11	.....	2.02	0.8	14	6	7	15	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	5.80	.....	1.50	0	10	...	..	...	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	8.19	+4.08	1.88	0	12	..	..	..	....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	49.0	+7.6	73	21	20	8	27	7.21	+1.96	2.03	0	13	7	6	15	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	49.6	+6.1	80	25	20	8	44	7.86	+3.14	2.32	2.0	10	10	0	18	e.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	52.8	+9.8	72	†12	19	17	45	7.50	+3.70	2.00	1.5	8	4	13	11	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	51.2	.....	76	23	18	17	45	6.95	.....	1.96	0	9	11	1	10	w.	John W. Hamel.
Landrum	Spartanburg	1063	7	49.4	.....	74	20	20	17	40	8.51	.....	1.91	T.	13	9	10	9	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	49.6	.....	76	23	20	8	44	9.22	.....	2.00	0.5	9	5	13	10	.....	Perry A. Simpson.
Liberty	Pickens	900	22	49.6	+6.2	75	21	17	8	41	6.06	+0.46	2.05	0.5	13	6	12	10	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	52.3	+4.5	74	†20	21	8	44	8.53	+4.06	2.00	1.5	12	8	7	13	se.	J. M. Sease, M. D.
Monetta	Saluda	400	15	54.2	+6.1	77	21	23	8	46	7.07	+2.60	1.94	0	11	2	16	10	ne.	Joseph M. Johnson.
Newberry	Newberry	502	18	†53.4	+8.1	79	23	†24	8	†41	8.06	+3.87	2.30	T.	7	8	13	7	w.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	8.56	+3.94	1.92	T.	10	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	49.8	+3.2	77	24	19	8	49	6.92	+2.28	2.15	0	11	12	6	10	s.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	50.2	+7.0	77	23	19	† 8	46	9.19	+4.40	2.97	T.	14	6	12	10	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	49.8	+7.0	75	23	20	17	47	8.25	+3.67	1.99	T.	10	...	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	53.0	+6.8	77	23	22	8	44	4.85	−0.24	1.55	T.	7	9	11	8	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	49.2	+6.1	76	21	14	8	42	7.02	+1.72	1.65	T.	13	8	10	10	se.	H. W. Brandt.
Winnsboro	Fairfield	545	28	50.4	+5.3	75	†21	20	17	41	7.29	+3.05	1.68	0.1	13	8	8	12	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	49.0	+5.6	69	20	20	† 8	36	7.79	+3.73	2.25	0.5	13	14	3	11	n.	R. F. Gooding.
Division means and extremes				51.2	+6.3	80	25	16	8	51	7.55	+2.94	3.62	0.2	11	8	8	12	sw.	
Section means and extremes				52.6	+5.5	84	23	14	8	52	6.62	+2.19	3.62	0.2	10	8	8	12	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for February, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah																																
Blackville ‖‖	Edisto			1.00		1.00	.50									1.50							.50		.20								4.50
Bowman	do																																
Charleston ***	Coast	.01	.40		T.	1.52	1.19	.02							.05	1.73	.02									.02		.61	.06				5.63
Cheraw ‖‖	Pee Dee	T.	.98			1.30	.55	.67							.83	.48	1.70								.83			.18					7.52
Conway ‖‖	Waccamaw	T.	.67	.11		.15	.56	.06							.05	.71	1.09										.11		.08				3.59
Darlington ‖‖	Pee Dee	T.	.25			.60	.25	.12	T.						.23	.16	1.05								.32			.25	T.				3.23
Effingham ‖‖	Lynches		.74	.15		.40	.76	.15							.39	.70	1.60								.06			.54					5.49
Ferguson ‖‖	Santee	T.	.64	.07		.20	1.01		.06							.28	1.40								.10	T.		.02	.51				4.29
Florence 1 ‖‖	Pee Dee	.30	.43	.06		.48	.57	.18							.40	1.64	.90											.90					5.86
Florence 2 ‖‖	do		.55			1.00	.39	.17							.45	.98	1.75									.27		.79					6.35
Garnett	Savannah	.10	.73			.78	.89							T.		.86	.35								.21			.06	.96				4.94
Georgetown	Coast		.72			T.	.95	T.							T.	1.58	.15										1.68	.40	.40				5.88
Kingstree ‖‖	Black		.53			.39	1.00									26	1.50												.22				3.90
Orangeburg 1	Edisto	.15	.77			1.21	.45								.21	.44	.81								.88								4.92
Orangeburg 2	do	.13	.82			1.15	.12								.30	.65	.80								.61		.23						4.81
Paris Island	Coast	.10	.70	.10			.20	.20								.80	1.30									.10			1.80				5.30
Pinopolis	Cooper		1.01	.15		.10										1.74	.85										1.15					4.99
Rimini ‖‖	Santee		.80			1.00	.58	.10							.50		1.52								.57			.18					5.25
Society Hill ‖‖	Pee Dee		.46	.05		1.11	.42	.46						1.00		.35	1.95								.35			.70	.03				6.88
Summerville	Ashley		1.05	T.		.55	.75	1.05						T		1.56	.66							.10			.25	.20					6.17
Yemassee ‖‖	Ashepoo		.64	.15			1.30	.15									1.05												.55				3.84
Western Portion.																																	
Aiken	Edisto	.23	.81			1.37	.29	.24							.05	1.63	.67										.19	.30					5.78
Anderson	Savannah	.67	.41		.02	1.38	.13	.48						.15	2.29	2.32	.12										.08	.62					8.67
Batesburg ‖‖	Edisto	.49				1.80	.49							.04	.72		1.94									.29		.21					5.98
Blairs ‖‖	Broad	.21	.96			1.30	.37	.50							2.30	.46	1.88									.50		.17	.04				8.69
Calhoun Falls ‖‖	Savannah	.09	1.01	.04		1.15	.64	.86		T.				.09	3.62	.92	1.78									.04			.30				10.54
Camden ‖‖	Wateree		.50	.15		1.20	.42	.20							.60	1.11	.80											.50					5.48
Catawba ‖‖	Catawba	.10	.80			.98	.16	.80							1.90	.76	1.69								.50			.38	.10				8.17
Chappells ‖‖	Saluda	.13	1.24			1.58	.25	.76							2.20	.55	2.10								.53			.20					9.54
Clemson College	Savannah	1.29				1.70		.51		.03						3.32	.08							.13			.50						7.49
Columbia ***	Congaree	.44	.09	.03	.65	1.12	.03	.09		T.				T.	.48	1.69	.15		T.					.61		T.	.30	.05					5.73
Due West***	Savannah	.79	.12		.36	1.01	.71	.18		T.		T.		.41	1.64	1.46	.08							.02	.01	T.	.13	.19	T.				7.11
Edgefield ‖‖	Savannah		1.20	.05		.45	1.50	.25							.40	.10	1.30								.28			.18					5.80
Gaston Shoals ‖‖	Broad	.11	1.21			1.04	.17	1.02						.02	1.88	.93	1.17								.02			.50	.12				8.19
Greenville ***	Saluda	1.02	.22		.18	1.17	.36	.24		.06		T		.73	1.37	1.33								.03			.38	.12					7.21
Greenwood ‖‖	do		.48			.49	.34	1.07							2.32	1.03	1.47										.10	.45	.11				7.86
Heath Spring	Wateree	.13	.50			1.56		.75							1.63	2.06								.70			.23						7.50
Kershaw ‖‖	Lynches	.73				1.53	.18	.38							1.37	.26	1.96								.39			.15					6.95
Landrum	Broad	.82	.52			1.02	.08	.85						.08	1.91	1.78	T.							.36	.10		.35	.56	.08				8.51
Laurens ‖‖	Saluda		1.58			1.20	.35	.86						T.	2.00	.80	1.02										1.23	.18					9.22
Liberty	Savannah	.30	.85		.02	.35	T.	.73			T.	.02	T.	.10	.85	2.05									.20			.24	.20	.15				6.06
Little Mountain	Saluda	.55	.44			1.78	.15	.03						.05	2.00	1.25	.90									1.10			.25	.03				8.53
Monetta	Edisto	.60	.78			1.94	.31	.19						T.	.72	1.25	.46									.58		.11	.13					7.07
Newberry	Saluda	.80	.30			1.68		.68							2.30	2.00										.30		T.	T.					8.06
Pelzer ‖‖	do	.18	1.11			1.22	.34	.62				T.		T.	1.92	1.28	1.12							T.	T.				.40	.34				8.56
Saluda	do	.60	.25			2.15	.31	.20							.96	1.25	.47									.31	.12		.20					6.92
Santuck	Broad	.98	.45		T.	1.19	.14	1.29						.05	2.27	2.08	.29		T.					.04	.01		.09	.27	.04				9.19
Spartanburg ‖‖	do	.20	1.32			1.10	.18	.74			T.	T		T.	1.99	1.07	1.20								T.				31	.14				8.25
Trenton	Edisto	1.00			T.	1.55	.25	.15			T.			T.	.30	1.10	T.											.50	T.				4.85
Walhalla	Savannah	.60	.41		T	1.20	.05	.48				.11		.20	1.65	1.02	.01							.14			.45	.70					7.02
Wilmsboro ‖‖	Broad	.13	.93	.02		1.30	.27	.47							1.47	.25	1.68				.09				.54			.22	.02				7.39
Winthrop College	Catawba	.92	.23			1.00	.21	.65						.03	2.25	1.25	.46								.37		.62	.32	.08				7.79

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.6	80	24	3.41	12				
1888	49.9	76	15	4.83	10				ne.
1889	41.9	75	10	5.60	8				*w.
1890	56.1	83	21	2.38					sw.
1891	54.7	83	13	4.23					sw.
1892	49.2	73	18	3.64					*sw.
1893	51.0	82	25	5.05	12				
1894	48.9	76	16	4.35	10	8	9	11	sw.
1895	37.4	78	− 6	3.07	7	13	6	9	nw.
1896	48.2	81	5	6.13	8	13	8	8	sw.
1897	50.0	83	15	7.80	11	10	7	11	sw.
1898	44.5	78	10	0.86	3	15	6	7	w.
1899	43.0	80	−11	6.98	12	9	7	12	w.
1900	44.0	78	1	5.77	10	9	7	12	w.
1901	43.2	78	7	3.08	6	14	7	7	nw.
1902	40.6	77	11	5.89	8	12	6	10	nw.
1903	49.0	81	11	7.03	10	10	7	11	sw.
1904	45.2	86	15	3.59	9	12	6	11	ne
1905	38.9	72	0	5.21	9	10	4	14	ne.
1906	46.0	76	12	2.58	6	16	5	7	ne.
1907	45.1	84	16	3.64	8	10	8	10	ne.
1908	43.6	81	12	5.28	10	14	6	9	w.
1909	52.2	84	12	4.49	8	15	7	6	sw.
1910	44.7	79	15	4.71	9	12	6	10	w.
1911	52.1	85	20	1.60	5	13	8	7	sw.
1912	42.3	80	8	5.99	8	15	5	9	w.
1913	48.9	80	22	4.50	8	12	4	12	w.
1914	44.6	78	14	4.41	9	12	6	10	n.
1915	48.6	80	20	3.15	6	15	6	7	n.
1916	48.5	81	11	3.96	8	17	6	6	sw.
1917	47.3	87	2	4.11	8	14	7	7	sw
1918	52.4	88	11	1.89	7	14	7	7	sw.
1919	47.5	75	17	4.73	10	14	4	13	ne.
1920	42.8	76	8	4.05	8	12	5	12	nw
1921	49.4	85	19	4.73	9	12	7	9	w.
1922	52.6	84	14	6.62	10	8	8	12	sw.
Period	47.1	88	−11	4.43	9	12	6	10	sw.

*Also nw.

Daily Temperatures for February, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blackville	Maximum	44	69	69	61	63	61	52	31	45	48	51	77	76	70	75	45	57	48	48	60	66	70	70	70	68	69	70	73	....	....	....	60.9
	Minimum	40	59	58	48	45	52	21	21	31	35	40	60	63	46	45	30	28	45	47	47	50	55	43	50	49	48	51	50	....	....	....	44.9
Bowman	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Charleston	Maximum	61	64	65	60	64	60	61	47	52	61	70	67	75	55	69	53	40	58	66	71	72	70	77	75	59	67	72	69	....	....	....	63.6
	Minimum	49	58	52	51	53	53	33	28	36	50	56	57	55	50	47	37	28	38	52	54	54	54	56	58	51	56	58	56	....	....	....	49.3
Cheraw §§	Maximum	58	71	63	62	48	64	43	48	53	63	74	73	63	43	38	38	38	55	70	75	73	75	80	76	63	53	73	63	....	....	....	60.6
	Minimum	36	42	51	37	36	42	37	25	25	41	57	54	57	43	33	32	18	25	39	43	47	43	53	55	43	50	48	52	....	....	....	41.6
Conway	Maximum	64	70	67	65	57	61	60	48	53	69	74	76	78	62	55	46	38	60	70	74	78	75	80	76	67	67	76	75	....	....	....	65.6
	Minimum	45	49	55	38	45	47	40	25	26	47	58	55	62	44	40	34	20	24	37	38	45	46	49	62	42	51	53	58	....	....	..	44.1
Darlington §§	Maximum	62	74	65	64	49	67	47	54	54	68	76	77	70	46	39	43	40	62	72	78	79	76	80	78	58	53	75	66	....	....	....	63.3
	Minimum	37	45	50	35	43	43	38	24	26	35	53	55	57	41	35	32	20	22	30	46	46	44	49	53	44	46	48	51	....	....	....	41.0
Ferguson §§	Maximum	65	69	60	65	60	63	42	48	53	67	77	79	70	50	49	44	48	68	71	75	76	78	80	75	68	60	77	69	....	....	....	64.5
	Minimum	46	50	54	39	47	47	40	25	31	35	53	57	57	45	40	34	26	27	36	51	43	44	48	48	47	47	47	55	....	....	....	43.5
Florence 1	Maximum	58	67	60	63	49	55	46	49	48	64	68	69	68	46	46	44	34	58	64	68	69	73	70	69	69	68	73	65	....	....	....	60.0
	Minimum	43	56	51	39	43	45	39	25	29	58	55	60	60	43	38	33	21	25	40	48	48	46	44	41	40	41	46	38	....	....	....	42.7
Garnett	Maximum	63	71	66	72	65	67	65	52	53	70	75	77	79	70	72	61	45	68	72	78	79	78	84	80	69	73	81	73	....	....	....	69.9
	Minimum	48	59	53	52	50	53	38	23	28	47	60	58	61	53	48	38	27	30	43	46	45	48	52	56	56	54	60	60	....	....	....	48.1
Georgetown	Maximum	62	66	64	60	63	65	64	62	54	60	78	76	76	62	64	72	64	64	72	76	78	75	78	75	68	72	78	72	....	....	....	68.6
	Minimum	49	53	52	41	39	49	40	25	28	45	45	53	59	46	34	40	20	25	43	49	46	48	56	59	44	52	55	55	....	....	....	44.6
Kingstree	Maximum	66	70	67	68	59	64	61	50	53	68	74	75	76	66	49	45	43	64	73	78	79	76	80	78	64	66	77	70	....	....	....	66.0
	Minimum	45	57	54	37	45	46	40	24	24	45	56	56	59	45	38	34	22	25	40	53	44	45	50	61	46	54	52	56	....	....	....	44.8
Orangeburg 1	Maximum	58	72	67	65	61	64	62	50	54	68	75	75	75	69	47	46	45	66	75	78	78	78	82	79	72	58	76	72	....	....	....	66.7
	Minimum	45	56	52	40	45	47	40	23	27	45	57	53	60	45	38	31	26	27	40	44	45	48	50	58	49	51	52	59	....	....	....	44.9
Paris Island §§	Maximum	63	69	66	69	65	63	47	50	58	64	75	68	70	77	69	48	50	64	71	76	74	76	78	74	78	79	79	70	....	....	....	67.5
	Minimum	40	53	52	52	54	52	41	28	30	40	49	46	55	49	49	37	30	31	46	48	50	49	54	56	53	54	53	56	....	....	....	46.7
Society Hill §§	Maximum	61	73	62	61	46	66	45	50	51	66	71	75	66	44	37	....	36	59	69	74	73	75	79	74	57	51	72	65	....	....	....	[a]61.4
	Minimum	34	41	51	39	42	42	37	24	27	36	50	57	62	41	34	31	20	21	26	44	48	45	45	36	43	43	48	49	....	....	....	39.9
Summerville	Maximum	66	68	63	70	64	63	62	50	52	70	76	73	79	66	70	56	41	64	72	76	78	74	78	71	62	73	77	73	....	....	....	67.4
	Minimum	48	58	53	43	51	52	41	24	28	44	54	56	58	49	44	35	25	28	42	51	46	51	51	60	48	54	59	59	....	....	....	46.9
Yemassee	Maximum	63	70	69	70	64	63	63	52	51	70	76	76	79	73	75	61	44	67	72	76	78	78	83	79	67	73	81	72	....	....	....	69.5
	Minimum	46	57	51	43	50	52	42	22	25	44	56	58	55	52	46	37	25	28	41	48	44	48	50	57	54	53	58	59	....	....	....	46.5
Western Portion.																																	
Aiken	Maximum	58	70	68	60	59	65	64	49	53	66	73	75	76	68	46	48	44	61	71	76	77	75	77	76	72	57	68	68	....	....	....	65.0
	Minimum	44	58	50	41	45	46	38	20	32	49	59	60	62	44	34	33	26	28	49	51	52	48	56	53	50	51	53	58	....	....	....	46.1
Anderson	Maximum	46	67	63	55	49	67	56	51	50	61	72	73	69	51	39	48	42	53	70	74	79	72	73	75	60	52	62	71	....	....	....	60.7
	Minimum	42	42	45	35	40	43	28	20	33	44	58	58	41	37	35	30	23	28	40	49	48	48	57	50	47	47	46	54	....	....	....	42.5
Batesburg	Maximum	58	71	62	60	48	65	50	51	55	68	72	77	70	51	47	45	43	69	71	72	75	74	77	74	53	53	68	68	....	....	....	62.4
	Minimum	42	58	56	46	44	46	35	26	33	52	59	62	61	44	38	33	30	42	50	56	57	50	57	53	47	48	51	57	....	....	....	47.4
Calhoun Falls §§	Maximum	48	65	61	59	46	63	39	49	55	65	66	74	62	45	39	41	52	58	73	69	78	73	78	72	56	57	62	70	....	....	....	59.9
	Minimum	30	38	44	35	34	39	32	18	18	30	51	56	56	41	31	31	31	20	22	35	45	45	46	47	47	46	44	45	....	....	....	37.8
Camden §§	Maximum	60	71	61	66	51	66	44	52	61	68	74	70	68	49	41	40	43	60	70	78	78	79	79	71	72	76	76	68	....	....	....	63.8
	Minimum	35	37	39	37	40	41	38	24	28	36	48	56	52	41	33	28	23	27	32	40	43	45	51	54	45	49	50	56	....	....	....	40.3
Clemson College	Maximum	51	68	65	58	53	66	61	49	49	57	74	74	72	52	40	47	42	50	68	74	76	74	72	72	68	57	55	70	....	....	....	61.2
	Minimum	41	44	47	31	40	41	33	16	26	43	52	57	52	39	33	28	20	25	38	47	42	49	53	41	47	47	42	52	....	....	....	40.2
Columbia	Maximum	58	70	60	60	48	66	58	49	53	66	73	76	68	51	39	44	38	56	70	76	77	73	77	72	58	54	72	67	....	....	....	61.8
	Minimum	43	57	50	44	44	46	29	24	30	50	59	60	51	37	35	31	24	27	49	51	54	49	57	55	48	48	50	57	....	....	..	45.0
Due West	Maximum	45	65	60	58	44	62	44	47	53	61	70	73	64	47	38	43	38	52	70	73	76	70	74	70	57	52	63	68	..	..	....	58.5
	Minimum	40	45	43	35	40	44	28	21	32	48	59	59	47	34	33	28	24	27	38	47	49	48	58	56	48	47	46	54	....	....	....	41.9
Greenville	Maximum	43	65	60	60	43	65	40	47	49	59	70	71	63	42	40	39	44	50	65	71	73	68	70	71	58	51	55	67	....	....	....	57.1
	Minimum	40	43	41	37	38	40	25	20	34	46	58	57	42	32	32	27	22	28	41	49	51	50	57	51	45	44	45	51	....	....	....	41.0
Greenwood	Maximum	45	60	65	60	60	47	64	34	48	54	63	60	68	72	70	39	42	40	52	70	73	76	70	75	80	74	53	63	....	....	..	59.9
	Minimum	30	39	46	37	38	40	34	20	22	34	52	50	48	44	33	30	24	24	29	40	50	47	47	50	48	49	45	47	....	....	....	39.2
Heath Spring	Maximum	50	67	60	56	55	59	59	55	60	60	69	72	66	60	54	49	44	64	71	70	71	72	70	69	67	66	67	67	....	....	....	62.5
	Minimum	39	49	48	38	40	41	35	22	32	42	56	57	58	40	32	30	19	26	50	54	44	45	53	53	44	47	56	56	....	....	....	43.1
Kershaw	Maximum	55	68	61	59	49	65	55	48	51	62	71	73	70	53	37	42	39	55	68	74	74	72	76	75	63	54	70	67	....	....	....	60.9
	Minimum	40	51	49	36	41	42	30	20	29	44	44	56	51	37	33	30	18	23	39	49	49	45	54	55	44	49	48	57	....	....	....	41.5
Laudrum	Maximum	46	69	64	56	47	63	55	46	57	56	72	72	67	48	38	40	39	46	68	74	72	69	70	72	68	51	55	70	....	....	....	58.9
	Minimum	40	41	43	36	38	41	25	21	29	41	53	57	48	36	31	28	20	28	36	48	41	48	55	51	44	45	43	51	..	..	....	40.0
Laurens §§	Maximum	49	65	62	57	47	64	41	46	53	61	72	73	59	45	38	43	39	50	69	73	74	70	76	69	52	52	66	68	....	....	....	58.3
	Minimum	40	41	47	48	31	43	35	20	30	45	49	58	59	42	32	31	23	24	28	39	42	43	59	46	46	48	46	47	..	..	....	40.8
Liberty	Maximum	48	64	61	54	47	62	57	48	49	56	72	79	69	49	38	46	41	41	67	72	75	70	71	74	62	56	56	68	....	....	....	58.8
	Minimum	40	40	40	33	38	39	28	17	29	47	51	57	49	38	33	36	20	26	36	48	45	56	57	43	48	45	45	49	....	....	....	40.5
Little Mountain	Maximum	53	67	60	59	52	63	55	46	53	61	70	73	70	56	42	43	38	55	69	74	74	72	74	70	65	55	65	68	....	....	....	60.8
	Minimum	44	51	48	49	40	43	30	21	31	47	58	57	56	40	32	31	22	25	45	49	56	46	56	51	47	49	47	55	..	..	....	43.8
Monetta	Maximum	57	68	62	63	57	66	64	51	53	65	72	76	74	62	44	44	43	60	72	76	77	75	76	75	69	55	67	65	....	....	....	63.9
	Minimum	42	56	48	38	43	45	36	23	32	48	58	58	59	44	35	33	24	26	47	48	50	48	51	53	48	50	50	51	..	..	....	44.4
Newberry	Maximum	57	68	63	62	59	62	58	49	56	62	73	72	71	60	50	45	40	56	73	77	78	74	79	72	65	55	69	70	....	....	....	63.4
	Minimum	45	41	39	38	31	45	36	24	30	32	55	47	48	33	34	....	....	....	....	....	....	42	63	55	55	50	50	58	....	....	....	[a]43.4
Saluda	Maximum	58	62	62	55	55	58	58	45	52	56	67	72	73	59	43	40	40	51	72	74	66	66	66	77	64	55	61	60	..	..	....	59.6
	Minimum	32	35	46	34	41	44	33	19	25	30	50	52	58	40	30	32	22	23	37	47	44	46	45	47	48	49	49	55	..	..	....	39.8
Santuck	Maximum	46	68	62	56	49	67	54	48	54	62	68	74	71	51	37	44	41	53	71	75	74	72	72	74	56	54	69	70	....	....	....	60.6
	Minimum	37	44	47	29	41	42	29	19	29	44	57	57	50	35	32	32	19	25	35	44	41	46	50	42	43	47	46	54	....	....	....	39.9
Spartanburg	Maximum	48	67	62	62	52	62	59	48	53	73	73	73	67	49	37	40	40	47	69	74	74	71	75	71	66	52	57	68	....	....	....	60.3
	Minimum	40	41	46	35	39	41	29	21	30	43	43	54	53	40	31	31	20	22	35	45	46	48	52	41	44	46	45	50	....	....	....	39.4
Trenton	Maximum	58	61	59	60	52	64	58	49	54	68	70	75	71	61	45	45	40	60	71	75	76	73	77	71	63	55	64	69	....	....	....	62.0
	Minimum	42	53	47	40	42	44	34	22	30	39	45	55	61	44	35	32	25	27	48	50	54	48	56	52	49	50	50	56	....	....	....	43.9
Walhalla	Maximum	48	65	66	52	46	65	55	49	53	56	74	74	68	52	41	48	41	49	67	74	76	69	70	71	68	50	65	69	....	....	....	60.0
	Minimum	40	43	45	29	38	38	26	14	26	40	52	55	52	37	33	28	17	25	35	47	42	50	50	40	39	45	45	45	....	....	....	38.4
Winnsboro §§	Maximum	60	67	60	59	48	64	41	48	54	64	72	74	63	44	37	43	38	54	70	75	75	72	75	71	54	55	68	69	....	....	....	59.8
	Minimum	34	40	48	38	41	41	36	21	29	35	52	57	61	41	33	31	20	24	29	48	52	46	48	51	48	45	48	49	....	....	....	40.9
Winthrop College	Maximum	55	61	61	58	56	56	56	40	50	60	66	68	68	50	35	36	36	47	59	65	68	66	68	67	65	51	66	69	....	....	....	56.9
	Minimum	38	50	37	39	40	41	32	20	31	45	50	56	49	35	33	30	20	27	38	55	51	44	54	48	42	42	45	55	....	....	....	41.0

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., MARCH, 1922. No. 3.

GENERAL SUMMARY.

The monthly mean temperature was somewhat above normal incident to two prolonged periods of warm weather. Precipitation was nearly twice the normal and was superabundant in the central and northern counties.

Showery weather during the first half of the month materially retarded the usual spring plowing, especially up-State, but plowing conditions improved as the month progressed. Wheat, oats, rye, early truck and early gardens maintained generally good to excellent condition, and frost damage was practically negligible. White potatoes had developed good stands by the end of the month, notwithstanding some seed rot due to wet weather. Early cabbage and early beet shipments from the trucking districts began by the middle of the month, and all tree fruits were in full bloom during the last decade. The woods were about two-thirds in leaf by the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.13 inches. The highest pressure was 30.51 inches at Charlotte, N. C., and at Columbia on the 13th; the lowest pressure was 29.43 inches at Augusta, Ga., on the 20th, and in the Section proper, 29.55 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 55.5°, or 0.5° above normal. The highest temperature was 89° at Florence No. 1 on the 30th. The mean temperatures were near or considerably above normal between the 6th and 19th and from the 24th to the close of the month. The lowest temperature was 24° at Walhalla on the 5th. Subnormal temperatures occurred from the 1st to the 5th and between the 20th and 24th. The last spring killing frosts thus far were recorded on the coastal plain about the 5th, and in the interior, as late as the 21st to 24th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 60%; 8 p. m., 68%. The highest percentages occurred on the coastal plain, and the lowest, over the northern interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 7.04 inches, or 4.10 inches above normal. Precipitation occurred in 6 periods and was superabundant in the central and northern counties, where the measurements ranged from 6 to over 10 inches; in the coast counties the amounts ranged downward from 5 inches to less than 4 inches in Charleston County. The greatest local monthly amount was 10.10 inches at Monetta, and the least local monthly amount was 3.15 inches at Charleston. The greatest amount during any 24 hours was 4.00 inches at Batesburg on the 5th. The average number of rainy days was 38% above normal.

A destructive tornado visited the Big Horse Creek valley, between Langley and Graniteville, Aiken County, about 5:30 a. m., March 7. The storm moved from the southwest toward the northeast in a path 50 to 200 yards wide. Five persons were killed, and 20 were injured. The property damage approximated $45,000.

Lightning fired and destroyed a barn and contents near Monetta on the 19th, the loss approximating $700.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 9.9 miles. The highest average velocity was 14.0 miles per hour at Savannah, Ga., and in the Section proper, 12.1 miles per hour at Charleston; the lowest average was 6.6 miles per hour at Charlotte, N. C., and in the Section proper, 8.3 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles from the west at Greenville on the 7th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 217.3 hours, or 59% of the possible amount. The average number of clear days was 15; partly cloudy, 7, and cloudy, 9, as against normals of 14, 8, and 9 days, respectively.

RIVER CONDITIONS.

Moderate freshets occurred in the Saluda, Broad, Congaree, and Wateree Rivers, of the Santee River District, between the 7th and the 14th, and again in the same streams on the 20th and 21st; the Santee River was in flood throughout the month. In the Pee Dee River District, moderate freshet conditions prevailed in the Great Pee Dee at intervals from the 4th to the 13th, in the Lynches River between the 10th and 15th, in the Black River from the 12th to the 17th, and in the Waccamaw River, from the 19th to 22d. High water also occurred in the Savannah River about the 9th, 12th, and 21st. The unavoidable losses in the Santee District were estimated at $6,100, and movable property saved by warnings approximated $44,000 in value. In the Pee Dee District the unavoidable losses were estimated at $13,700, and the value of movable property saved by flood warnings approximated $71,200.

MISCELLANEOUS DATA FOR MARCH, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.12	48.6	75	29	4.69	1.84	11.6	se	79	58	66	46
Augusta, Ga.	30.13	57.6	83	33	8.62	3.42	6.8	s.	84	61	69	66
Charleston, S. C.	30.14	59.0	80	36	3.15	1.33	12.1	s.	79	60	74	75
Charlotte, N. C.	30.12	53.2	79	29	6.32	1.81	6.6	ne.	78	61	65	51
Columbia, S. C.	30.15	56.8	81	32	6.51	2.20	8.3	s.	83	53	60	47
Due West, S. C.	30.14	53.2	79	29	7.98	1.93	9.7	s.	84	61	..	51
Greenville, S. C.	30.10	53.0	78	30	5.95	1.95	9.9	sw.	78	61	64	54
Savannah, Ga.	30.14	61.2	83	36	4.68	1.76	14.0	s.	82	63	75	70
Wilmington, N. C.	30.16	56.8	79	35	4.47	2.31	9.8	sw.	80	60	73	67
Means and extremes	30.13	55.5	83	29	5.82	3.42	9.9	s.	81	60	68	59

Climatological Data for March, 1922.

Stations.	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 inch or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	.....	.....	[m]84	†29	[n]34	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	[b]56.6	−1.1	[m]83	†28	[m]30	† 1	[n]30	7.28	+3.96	2.50	0	8	23	2	6	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Olin P. Evans.
Charleston	Charleston	48	51	59.0	+1.8	80	29	36	5	26	3.15	−0.57	1.33	0	13	15	10	6	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	55.8	+2.4	87	30	31	23	42	6.58	+2.99	1.30	0	9	..	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	58.1	+1.8	85	29	34	5	37	4.79	+1.20	1.60	0	8	17	0	14	sw.	Paul Quattlebaum.
Darlington	Darlington	175	27	56.6	+1.2	86	30	32	5	41	3 32	+0.31	0.85	0	9	17	3	11	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	7.35	−0.44	2.30	0	9	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	56.5	+0.5	86	29	31	6	39	4.18	+0.73	1.75	0	11	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	56.0	+1.6	89	30	33	5	43	7.62	+4.45	1.91	0	7	21	1	9	sw.	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	6.85	+3.68	1.67	0	9	16	4	11	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	60.9	.....	88	30	31	5	44	6.27	.....	1.18	0	12	11	14	6	w.	Maner B. Robert.
Georgetown	Georgetown	12	29	59.4	+1.9	85	30	32	5	42	5.19	+1.68	1.80	0	5	18	7	6	s.	A. P. Hazard.
Kingstree	Williamsburg	54	40	57.7	+1.1	86	29	31	5	42	5.52	+2.12	1.91	0	10	22	4	5	se.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	58.2	.....	87	30	32	5	40	6.25	.....	1.50	0	11	14	10	7	nw.	U. S. Fisheries Station.
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	6.26	.....	0.97	0	11	14	8	9	se.	State A. and M. College.
Paris Island	Beaufort	13	41	59.8	+1.4	80	28	35	5	36	6.00	+2.65	1.70	0	8	14	10	7	sw.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	57.4	+0.9	84	†29	34	5	....	5.52	+1.90	1.85	0	9	17	10	4	nw	Miss E. P. Ravenel.
Rimini	Clarendon	97	8	.....	.....	.....	.....	.....	.....	.....	6.14	.....	1.64	0	7	..	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	[b]55.2	+0.5	[b]84	30	[a]32	23	[b]40	6.21	+2.84	1.38	0	11	18	4	9	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	59.0	+0.8	86	29	31	5	42	4.83	+1.51	1.24	0	12	17	9	5	sw.	E. P. Lawton.
Vemassee	Hampton	24	33	60.0	+2.2	86	†29	31	† 5	45	4.81	+1.35	1.50	0	8	16	14	11	s.	W. C. Hutson.
Division means and	extremes	.....	...	57.9	+1.3	89	30	31	† 5	45	5 71	+2.21	2.50	0	9	17	7	7	sw.	
Western Portion.																				
Aiken	Aiken	527	60	57.6	+2.4	81	29	30	† 5	38	9.20	+5.24	3 23	0	14	15	0	16	w.	Frank B. McCoy.
Anderson	Anderson	764	29	56.1	+1.9	80	†29	30	5	36	7.50	+2.96	2.80	0	11	14	7	10	w.	H. H. Russell.
Batesburg	Lexington	656	38	58.8	+4.0	83	31	34	5	33	9.92	+5 50	4.60	0	8	13	5	13	s	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	7.41	+3.71	1.80	0	12	..	.....	.....	.....	I. N. Owens.
Calhoun Falls	Abbeville	508	23	52.2	.....	80	30	27	5	42	8.39	+3.47	2.09	0	14	14	10	7	s.	L. M. Parker.
Camden	Kershaw	222	72	56.9	+2.6	84	†28	31	2	36	7.19	+3.49	2.65	0	12	23	0	8	w.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	7.91	+3.80	1.55	0	12	...	...	...	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	8.92	+5.05	2.20	0	11	..	...	...	.....	George V. Clamp.
Clemson College	Oconee	850	30	53.6	+1.2	82	30	26	5	45	7.41	+2.44	2.75	0	10	8	9	14	se.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	56.8	+5.9	81	26	32	5	33	6.51	+2.81	2.20	0	10	11	10	13	s.	U. S. Weather Bureau.
Due West	Abbeville	711	8	53.2	.....	79	30	29	5	32	7.98	.....	1.93	0	14	8	11	12	s.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	8.65	...	2.70	0	8	..	...	...	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	5.76	+1.00	1 02	0	13	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	53.0	+2.4	78	30	30	1	31	5.95	+0.56	1.96	0	15	10	8	13	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	53.6	+0.9	80	†30	30	5	36	8.64	+4.62	1.87	0	10	12	6	19	w.	M. M. Calhoun.
Heath Spring	Lancaster	568	20	54.2	+0.8	78	†29	31	5	35	8.00	+4.51	2.23	0	11	11	9	11	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	[a]53.7	.....	[a]77	26	31	† 4	[a]41	6.69	.....	1.74	0	8	17	1	13	w.	John W. Hamel.
Landrum	Spartanburg	1063	7	51.9	.....	78	29	32	21	43	10.02	.....	2.20	0	15	12	9	10	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	[a]51.9	.....	[a]80	30	[a]28	22	[a]42	7.30	.....	1.75	0	11	12	13	6	.....	Perry A. Simpson.
Liberty	Pickens	900	22	53.6	+0.9	81	30	28	5	45	6.92	+1.45	3.60	0	15	11	11	9	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	54.8	−0.6	79	†29	30	5	35	8.40	+4.74	2.10	0	11	15	4	12	s.	L. M. Sease, M. D.
Monetta	Saluda	400	15	56.4	+0.3	81	29	32	5	37	10.10	+6.05	3.91	0	14	10	14	7	s.	Joseph M. Johnson.
Newberry	Newberry	502	18	55 5	+0.9	83	30	28	5	39	7.96	+4.17	2.33	0	11	18	7	6	w.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	6 76	+1.98	1.48	0	12	..	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	9.44	+5.43	3.15	0	12	19	6	6	sw.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	53.2	0.0	80	29	27	23	43	7.15	+2 72	1.35	0	13	13	10	8	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	53.2	+2.1	80	29	30	† 1	46	6.07	+1.19	1.05	0	12	...	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	56.1	+0.1	80	†29	30	5	36	8.59	+4.30	2.80	0	11	14	7	10	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	51.9	+0.6	80	30	24	5	48	7.93	+1.34	2.03	0	16	9	11	11	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	28	54.9	+1.4	81	29	30	5	34	8.30	+4.31	2.42	0	14	12	8	11	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	52.8	−0.5	75	31	30	† 2	32	7.67	+3.80	1.75	0	14	13	6	12	s.	R. F. Gooding.
Division means and	extremes	.....	....	54.0	+0.3	84	†28	24	5	48	7.89	+3.53	4 00	0	12	13	8	10	w.	
Section means and	extremes	.....	....	55.5	+0.5	89	30	24	5	48	7.04	+4.10	4.00	0	11	15	7	9	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for March, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale |||	Savannah																			1.10							.05	.25	.05				
Blackville |||	Edisto		.50	.58	2.20		2.50												1.20							.15					.15	7.28
Bowman	do																																
Charleston ***	Coast	T.	.03	.43	.47			.19			.16					.20				1.29	.04					.04	.04	.01	.07	T.	.18	3.15
Cheraw |||	Pee Dee		.39	1.00	1.30	T.		.74	.72			1.25				.18					.65						T.	T.	.35			6.58
Conway |||	Waccamaw		T.	.59	1.60	.08		.59	.72			.46				.13					.62								T.			4.79
Darlington |||	Pee Dee		.03	.31	.85			.45	.18			.72				.06					.37						T.	T.	.35			3.32
Effingham |||	Lynches		.06	.80	1.50			.80	.90			2.30				.10					.80								.09			7.35
Ferguson |||	Santee		.02	.90	1.75	.02			.08		.09	.04				.09					1.09							.07	.03			4.18
Florence 1 |||	Pee Dee			.90	1.40			1.40				1.90				.06												.05	1.91			7.62
Florence 2 |||	do		.06	.43	1.67			.77	1.18			1.57				T.					.85						T.		.32			6.85
Garnett	Savannah		.68	.63	.85			.83			.08	.25				.34				.55	1.18					T.	.38	.05			.45	6.27
Georgetown	Coast			1.50	1.80			.86								T.					.83								.20			5.19
Kingstree |||	Black		.05	.63	1.91			.13	.53			1.00				.11					1.00								.12	.04			5.52
Orangeburg 1	Edisto		.14	.75	.90			1.50			.30	.57				.11					1.48						.07	.22			.21	6.25
Orangeburg 2	do		.32	.60	.97			1.16			.28	.67				.10					1.11						.50	.30			.25	6.26
Paris Island	Coast			.20	.90			.40	.30		.40					.50					1.60						1.70					6.00
Pinopolis	Cooper	.70		1.85	.10			.67			.10					.25				1.10						.20					.55	5.52
Rimini |||	Santee			.42	1.25			1.30				1.21				.17					1.64									.15		6.14
Society Hill |||	Pee Dee		.13	.80	1.38	.06		.42	.80			1.03				.21					.91							.07	.40			6.21
Summerville	Ashley	.08	.10	1.11	.96			.61			.03					.18					1.24					.12	.18		.03		.19	4.83
Yemassee|||	Ashepoo			.59	1.42				.70			.23				.19	.05				1.50									.16		4.84
Western Portion.																																	
Aiken	Edisto	.27	.19	.59	.60			3.26			.27	.59				.61				.27	.94						.51	.17	.42		.50	9.20
Anderson	Savannah	.27	.59	.05				1.13		.05	1.79					.44				1.30	.37						.59				.92	7.50
Batesburg |||	Edisto	.60	.43			4.00						1.48				.41					1.38							1.29	.35			9.92
Blairs |||	Broad		.46	.90	1.11			1.80	.08	.03		.86				.20	.04				1.46						.26	.21				7.41
Calhoun Falls |||	Savannah	.08	.75	.80	.23	.03		1.75	.06		.13	1.96				.26					1.65						.40	.06			.23	8.39
Camden |||	Wateree		.38	.70	.92			2.65	.23		.06	1.10				.20					.64						.15	.08	.08			7.19
Catawba |||	Catawba		.36	.98	1.15			1.55	.10		.15	.73				.13					1.55						.15	.65			.41	7.91
Chappells |||	Saluda	.10	.68	.92	1.05			2.20				1.50				.31					1.74						.10	.25	.07			8.92
Clemson College	Savannah		.98	.17				.86			2.75				.17						1.40					.04	.64	T.		.08	.38	7.41
Columbia ***	Congaree	.21	.44	.81	.30		.19	2.01		T.	1.16					.18				.51	.17					T.	.28	.10		T.	.15	6.51
Due West***	Savannah	.26	1.05	.09	.03		.14	1.08		T.	1.93					.34				1.66	.01					T.	.60	.03	T.	.19	.57	7.98
Edgefield |||	Savannah		.45	.70	1.00			2.70				1.40				.32					1.80						.28					8.65
Gaston Shoals |||	Broad	.14	.40	.47	.15	.09		.59			1.02	.80				.28					.86						.63	.17			.16	5.76
Greenville ***	Saluda	.43	.58	.02	.05		.13	.59		.10	1.89					.13				1.16						.04	.53	.05		.07	.18	5.95
Greenwood |||	do	.13	.61	.94	.60			1.87				1.74				.29					1.68						.49	.29				8.64
Heath Spring	Wateree	.25	1.25	1.30				2.23			.98					.21				.99							.30	.07		.06	.36	8.00
Kershaw |||	Lynches		.56	1.00	1.14			1.74				.80				.15					.70								.60			6.69
Landrum	Broad	.69	1.33	.08	.32			.72		.32	2.30	.21				.23				.74	.53						1.04	.35		.75	.41	10.62
Laurens |||	Saluda		.70	.30	.20			1.20			.34	1.25				.27					1.75						.79		.17		.40	7.30
Liberty	Savannah	.25	.10	.25	.01		.04	.25		.06	3.60					.04				.80	.60						.24	.36	T		.02	.30	6.92
Little Mountain	Saluda	.23	1.15	.90	.70			2.10			1.00									1.08	.54							.20	.10			.20	8.40
Monetta	Edisto	.15	.54	.66	.54			3.91			.80	.98				.24				.50	.80						.57	.09		.05	.27	10.10
Newberry	Saluda	.30	.70		.86			2.33			1.10					.28				.80	.80							.36		.10	.33	7.96
Pelzer |||	do	.12	.46	.40	.06			.84	.04		.94	1.48				.30					1.40						.64	.08				6.76
Saluda	do	.31	.95	.86	.40		3.15				1.05					.30				1.65	.52						.45			.10	.30	9.44
Santuck	Broad	.13	.62	.61	.44			1.15			1.35					.23				1.18	.54						.48	.03	T.	.06	.33	7.15
Spartanburg |||	do	.12	.40	.40	.13			.58			1.05	1.03				.21					1.01						.96	.11	T.	.13		6.07
Trenton	Edisto	.32	.44	.80	.38			2.80		T.	1.24					.48				1.30							.42			.04	.37	8.59
Walhalla	Savannah	.31	1.03	.07	.08		.01	1.03		.21	2.03					.55				1.10	.25					.02	.62	.03		.20	.39	7.93
Winnsboro |||	Broad		.61	1.06	1.17			2.42	.04		.08	1.04				.12	.03				1.46						.07	.13	.03		.04	8.30
Winthrop College	Catawba	.16	.77	.40	.75			1.75			.85	.25				.02				1.00	.42							.35	.06	.58	.31	7.67

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	51.4	82	23	1.85	7				sw.
1888	52.1	80	19	6.71	9				sw.
1889	51.6	77	20	3.41	7				w.
1890	52.5	85	11	2.96					sw.
1891	50.0	78	20	7.88					ne.
1892	52.8	78	23	3.78					nw
1893	53.9	85	18	2.22	9	13	9	9	sw.
1894	59.3	90	15	2.08	7	15	11	5	sw.
1895	53.5	90	24	5.71	11	12	8	11	sw.
1896	53.1	93	19	2.12	5	14	10	7	sw.
1897	56.4	92	21	4.54	12	7	9	15	sw.
1898	59.1	92	22	2.99	7	11	9	11	ne.
1899	55.2	89	12	3.89	9	12	10	9	sw.
1900	51.6	79	22	4.22	9	12	8	11	sw.
1901	53.4	86	10	4.36	8	14	8	9	sw.
1902	54.0	86	19	4.08	10	14	7	10	sw.
1903	60.4	84	26	5.92	10	7	9	15	ne
1904	56.2	87	23	3.42	9	13	9	9	ne.
1905	57.8	93	28	2.15	6	15	6	10	ne.
1906	51.6	82	18	5.34	10	13	6	12	w.
1907	62.0	99	20	1.57	5	15	10	6	sw.
1908	61.4	90	29	4.56	8	15	8	8	sw
1909	54.1	90	27	4.80	11	14	8	9	sw.
1910	59.4	93	22	1.38	4	21	6	4	sw.
1911	54.9	90	22	2.30	7	17	8	6	w.
1912	53.2	88	15	6.79	10	14	5	12	ne.
1913	56.9	88	22	7.40	10	13	5	13	w.
1914	50.2	91	12	2.59	8	14	9	8	w.
1915	46.3	81	22	2.66	7	15	8	8	nw
1916	53.7	87	15	2.14	5	19	8	4	sw.
1917	55.0	88	14	5.39	11	14	6	11	sw.
1918	59.7	89	29	1.83	6	16	8	7	sw.
1919	56.5	82	27	2.86	7	17	7	7	ne.
1920	52.3	87	10	6.73	8	17	6	8	sw.
1921	62.5	91	28	2.28	6	16	7	8	sw.
1922	55.5	89	24	7.04	11	15	7	9	w.
Period...	55.0	99	10	3.94	8	14	8	9	sw.

Daily Temperatures for March, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70	76	66	72	80	76	61	61	64	66	74	76	78	80	82	84	83	84	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42	41	42	46	48	45	40	35	34	36	43	53	53	65	65	66	60	.....
Blackville	Maximum	65	60	65	53	70	69	....	68	61	76	.....	.....	.....	73	73	....	78	.....	.....	.....	61	63	60	..	.....	.....	.....	83	82	83	....	[m]68.6
	Minimum	38	40	38	....	....	.....	....	38	.....	..	47	50	53	49	53	....	49	42	.....	.....	40	40	38	45	39	.....	.....	.....	.....	60	...	[n]44.6
Bowman	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charleston	Maximum	56	67	62	55	60	61	69	61	60	73	70	62	69	73	77	63	62	72	74	68	65	58	59	65	67	68	71	76	80	79	76	67.0
	Minimum	47	45	46	41	36	42	51	43	46	58	56	50	53	57	51	45	48	53	59	48	42	40	44	47	53	62	63	65	66	66	62	51.1
Cheraw §§	Maximum	43	45	45	48	62	72	70	62	62	64	64	64	70	78	75	68	70	68	75	63	60	60	65	78	82	83	78	80	85	87	83	68.0
	Minimum	41	34	41	38	32	38	45	35	36	50	50	40	39	53	53	38	38	45	45	54	35	33	31	36	42	41	58	60	62	62	63	44.1
Conway	Maximum	64	61	60	48	65	71	72	63	64	71	69	65	71	75	77	65	69	67	75	70	61	58	63	73	74	75	75	81	85	83	83	69.5
	Minimum	43	39	43	40	34	39	55	38	36	53	59	42	41	50	50	38	39	43	49	55	39	36	35	38	42	50	62	64	67	65	64	46.7
Darlington §§	Maximum	43	46	44	49	63	73	72	68	65	68	69	68	72	79	77	70	73	68	77	64	63	63	68	77	78	79	75	80	85	86	84	69.2
	Minimum	42	34	37	37	32	33	44	36	36	46	53	41	40	47	57	36	40	44	46	46	36	35	34	37	40	48	55	61	64	64	65	44.1
Ferguson §§	Maximum	52	57	48	55	64	72	71	63	66	75	64	67	72	75	73	65	70	65	75	65	62	59	64	69	74	76	80	81	86	85	85	68.9
	Minimum	42	39	41	40	39	31	37	34	36	49	55	52	43	49	61	38	35	40	40	38	30	35	35	36	41	45	47	63	64	67	64	44.1
Florence 1	Maximum	44	43	43	45	62	76	66	64	63	58	64	68	73	74	78	63	68	67	67	66	63	64	68	74	78	79	73	79	84	89	85	67.4
	Minimum	38	35	41	38	33	36	40	36	39	40	41	43	42	54	61	39	42	43	43	40	37	36	35	41	49	48	57	63	66	64	64	44.6
Garnett	Maximum	66	68	61	56	63	75	73	65	70	81	69	72	74	80	76	69	75	80	83	66	64	62	70	75	78	79	80	80	87	88	85	73.3
	Minimum	53	45	49	43	31	35	56	37	39	56	54	43	51	53	60	43	40	44	52	52	41	36	36	39	44	52	62	64	64	67	63	48.5
Georgetown	Maximum	65	61	65	60	68	72	73	79	66	73	70	70	73	76	79	72	69	74	75	74	65	60	76	73	75	78	76	82	83	85	82	72.5
	Minimum	44	41	43	43	32	35	54	37	37	50	57	43	43	50	59	38	40	43	50	57	38	35	34	54	42	52	55	52	52	64	64	46.4
Kingstree	Maximum	64	59	50	52	66	73	72	65	64	74	68	69	73	78	75	67	73	75	77	69	62	59	65	75	76	77	75	79	86	84	82	70.4
	Minimum	34	37	41	39	31	32	51	37	35	52	56	41	41	50	52	39	40	44	43	52	38	36	35	36	41	51	59	61	64	65	62	45.0
Orangeburg 1	Maximum	67	53	51	54	64	72	71	62	63	70	66	66	70	73	75	71	73	73	79	62	61	60	65	64	76	78	79	78	86	87	84	69.5
	Minimum	42	37	43	40	32	33	58	38	36	54	53	43	45	65	59	38	41	45	45	53	38	35	37	38	42	49	60	61	64	65	62	46.8
Paris Island §§	Maximum	69	67	68	57	66	71	75	63	68	74	70	65	72	76	78	76	72	75	76	78	61	74	76	74	78	78	76	80	78	70	68	72.0
	Minimum	51	50	46	45	35	40	44	41	43	50	55	48	53	55	50	43	44	44	57	54	41	38	50	58	52	56	44	46	56	50	41	47.7
Society Hill §§	Maximum	44	45	44	49	64	70	75	63	62	67	....	64	71	77	74	67	70	65	76	63	60	59	....	74	78	80	77	78	82	84	82	[b]67.7
	Minimum	....	33	34	36	34	38	39	35	36	40	52	42	42	43	56	36	38	39	45	50	35	35	32	33	39	42	49	59	63	64	65	[a]42.8
Summerville	Maximum	66	65	64	56	66	73	71	64	66	78	69	69	72	78	73	68	74	76	76	69	64	61	66	74	75	77	75	79	86	83	83	71.5
	Minimum	48	43	46	41	31	35	55	35	37	56	54	44	48	51	61	40	40	44	49	48	37	33	36	36	42	51	58	53	66	65	63	46.6
Yemassee	Maximum	68	65	65	56	66	73	73	64	71	81	70	66	72	78	76	68	74	78	80	69	63	62	67	74	75	77	78	82	86	86	86	72.5
	Minimum	51	44	48	42	31	31	58	37	36	60	54	42	49	51	60	42	40	44	48	58	38	33	34	36	42	50	62	63	64	65	62	47.5
Western Portion.																																	
Aiken	Maximum	63	47	46	51	63	68	67	61	65	64	66	66	69	77	75	69	73	78	74	59	61	60	66	75	74	77	77	77	81	80	78	68.0
	Minimum	39	35	44	39	30	39	56	34	40	53	48	45	46	55	58	37	45	51	59	49	35	30	41	44	47	52	60	63	63	65	62	47.2
Anderson	Maximum	63	46	46	50	63	64	59	63	52	52	63	61	66	73	73	67	72	70	61	57	57	61	65	73	75	73	74	74	78	81	70	64.6
	Minimum	32	31	41	38	29	37	46	31	39	44	44	41	44	54	40	42	44	46	51	59	42	34	31	36	40	46	51	59	62	58	62	43.7
Batesburg	Maximum	56	47	50	54	67	67	67	63	65	69	72	66	71	77	73	67	68	75	73	59	60	59	69	74	72	74	77	79	82	81	83	68.3
	Minimum	37	36	44	47	34	44	53	42	50	54	56	47	51	56	52	43	47	53	50	47	39	36	39	43	46	52	62	66	66	67	69	49.3
Calhoun Falls §§	Maximum	51	45	45	47	63	65	60	62	54	57	67	64	70	72	72	68	72	73	60	52	56	60	65	76	73	73	73	76	79	80	74	64.7
	Minimum	46	32	32	36	27	28	33	32	32	33	40	39	42	44	52	36	35	40	43	45	32	28	29	34	40	44	47	58	57	57	59	39.7
Camden §§	Maximum	59	49	48	66	68	68	72	70	70	70	64	50	73	79	70	69	72	69	73	59	60	59	68	70	78	77	79	84	84	84	78	68.7
	Minimum	44	34	36	36	37	38	38	41	39	43	45	46	40	43	53	42	43	49	51	50	36	36	35	39	43	48	59	60	64	65	65	45.1
Clemson College	Maximum	68	49	49	51	62	63	60	60	58	51	65	65	65	77	69	66	72	68	65	57	55	59	65	75	72	69	75	74	77	82	80	65.3
	Minimum	32	32	41	38	26	29	50	34	33	44	43	35	42	51	54	33	36	44	48	46	32	31	30	33	38	50	59	60	57	60	59	41.9
Columbia	Maximum	57	45	46	52	65	68	69	62	61	64	64	64	69	75	72	66	71	73	73	57	59	58	65	75	74	76	75	77	81	81	79	66.9
	Minimum	34	34	39	38	32	41	46	39	40	50	51	44	45	56	48	41	44	52	49	43	37	35	38	44	49	54	61	64	65	66	61	46.5
Due West	Maximum	59	45	45	48	61	62	60	59	54	56	62	60	66	70	69	64	71	68	58	53	55	57	64	73	71	72	72	74	78	79	72	63.1
	Minimum	31	31	38	34	29	37	37	32	41	45	43	41	44	54	47	40	46	50	46	40	33	31	36	43	45	51	59	62	57	63	57	43.3
Greenville	Maximum	55	51	45	49	59	62	59	62	48	54	63	57	64	70	67	64	70	63	56	54	51	57	63	73	72	69	72	72	76	78	66	62.0
	Minimum	30	31	30	35	31	40	42	35	39	44	44	42	45	51	49	43	45	50	46	40	33	34	42	42	48	51	58	63	58	62	55	44.1
Greenwood	Maximum	69	48	45	45	49	62	65	62	60	59	58	61	64	69	72	70	65	70	70	59	54	56	59	66	74	70	75	72	74	80	80	63.9
	Minimum	47	31	32	37	30	32	41	35	34	40	45	40	44	45	56	36	40	45	46	49	33	34	35	40	44	48	59	66	59	60	62	43.2
Heath Spring	Maximum	61	53	44	47	60	66	67	57	58	54	59	60	63	70	69	63	67	63	65	60	58	57	59	72	73	73	72	77	78	76	78	63.8
	Minimum	36	31	36	35	31	38	35	35	37	47	48	41	43	55	59	37	43	46	45	52	32	33	34	45	50	49	59	62	62	63	62	44.5
Kershaw	Maximum	63	43	44	49	64	69	69	60	63	59	63	64	69	66	72	65	68	64	71	59	57	57	64	74	75	77	74	.....	.....	.....	.....	[d]63.8
	Minimum	32	32	36	31	31	34	53	33	36	48	48	41	40	53	59	36	40	45	44	49	31	33	33	41	45	48	59	62	63	63	61	43.6
Landrum	Maximum	60	52	49	48	60	65	62	61	51	49	65	57	64	66	66	67	67	62	52	57	43	55	65	77	72	75	72	74	78	75	67	62.4
	Minimum	30	30	39	34	34	35	47	38	33	40	42	35	48	46	55	35	37	43	44	43	32	35	34	35	40	38	46	60	59	60	55	41.4
Laurens §§	Maximum	56	56	45	50	60	65	62	58	57	57	57	62	66	72	73	64	71	68	59	57	57	58	64	74	75	75	....	78	79	80	74	[c]64.3
	Minimum	45	31	42	37	29	29	31	30	32	35	44	46	40	42	53	33	35	39	47	50	30	28	29	32	37	43	44	...	56	59	62	[c]39.7
Liberty	Maximum	63	52	49	51	62	56	62	61	59	51	68	67	65	69	67	65	71	69	58	57	60	67	75	72	69	75	73	70	77	81	75	65.0
	Minimum	32	31	39	36	28	32	45	35	34	42	43	35	43	51	58	36	37	45	47	42	31	30	37	40	48	51	38	61	58	62	60	42.2
Little Mountain	Maximum	63	43	45	51	61	65	65	60	61	61	65	63	70	74	69	64	69	70	68	59	58	58	63	68	73	76	77	78	79	79	76	65.5
	Minimum	33	31	33	36	30	42	53	35	37	45	51	41	43	45	50	38	43	50	48	44	33	32	38	42	45	42	59	60	61	60	63	44.0
Monetta	Maximum	65	44	45	51	63	68	66	62	62	64	63	65	71	76	73	66	72	74	72	59	57	59	67	75	74	78	77	79	81	80	79	67.2
	Minimum	37	34	40	38	32	38	53	34	39	49	48	44	44	51	53	38	44	49	50	47	34	33	38	40	45	50	60	62	62	63	61	45.5
Newberry	Maximum	47	44	53	44	64	69	65	60	60	55	64	65	70	78	73	75	73	74	68	60	59	61	66	77	77	77	75	81	82	83	80	67.1
	Minimum	35	30	36	39	28	30	50	31	35	43	47	41	43	53	52	37	43	46	53	47	31	32	37	38	42	60	61	63	59	58	60	43.9
Saluda	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santuck	Maximum	62	44	45	52	63	68	66	63	61	57	64	65	69	75	74	66	71	68	62	60	60	59	67	70	75	76	74	79	80	78	77	66.1
	Minimum	32	31	40	36	28	28	50	30	31	45	46	34	36	48	50	31	34	43	43	45	30	28	27	32	36	41	58	61	59	59	56	40.3
Spartanburg	Maximum	65	45	45	53	61	66	63	60	56	50	65	59	66	70	69	66	69	65	58	59	55	59	65	77	74	75	73	70	80	79	73	64.2
	Minimum	30	30	40	35	30	30	49	31	36	42	44	28	39	51	58	36	38	48	47	47	32	32	31	41	44	46	58	58	59	62	43	42.1
Trenton	Maximum	59	45	46	50	63	66	64	60	63	63	69	70	74	75	64	72	74	70	58	57	59	66	74	74	77	76	77	80	80	79	66	66.7
	Minimum	36	34	40	38	30	37	51	35	38	50	45	45	50	43	45	39	49	52	50	45	34	32	39	50	44	52	59	62	61	63	59	45.5
Walhalla	Maximum	48	54	48	50	63	69	60	59	55	53	65	58	65	69	67	65	71	66	60	56	53	60	65	76	70	67	73	73	77	80	74	63.3
	Minimum	33	32	39	36	24	29	45	32	34	42	40	34	44	59	52	30	42	42	48	42	28	30	28	36	38	48	47	59	55	56	59	40.5
Winnsboro §§	Maximum	46	44	43	51	62	68	66	60	62	66	63	64	68	76	70	65	69	69	71	57	59	57	63	74	74	77	74	78	81	80	79	65.7
	Minimum	45	32	34	36	30	34	47	33	37	44	46	41	43	47	58	38	41	46	48	51	33	32	35	41	47	49	54	60	61	62	62	44.1
Winthrop College	Maximum	60	43	44	46	57	62	62	60	58	54	61	60	63	70	70	65	63	62	58	60	51	55	60	62	66	69	70	69	70	74	75	61.2
	Minimum	32	30	38	36	30	38	49	48	46	44	40	40	41	52	49	46	46	47	46	50	33	34	36	35	43	48	52	59	62	60	64	44.3

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

51.05
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., APRIL, 1922. No. 4.

GENERAL SUMMARY.

The month was high in the group of wet Aprils, but there was a superabundance of rainfall in the central and northern districts, and amounts were much below normal in the lower coast counties. Temperatures averaged somewhat above normal, with a prolonged heat wave during the middle of the month and unseasonably low temperatures during the last three days.

Copious to heavy rains at intervals in the central and up-State counties, with resulting bad soil condition, greatly retarded plowing and planting, which were 10 days to two weeks late; on the other hand, a scarcity of seasonable rains on the lower coastal plain was detrimental to satisfactory crop development. Cotton and corn planting became general during the last decade, with good stands in the eastern, central and southern counties. Rust appeared in wheat about the middle of the month, and the crop materially deteriorated thereafter; oats and rye were in good to excellent condition generally, and the cereal crops were heading during the last decade. White potatoes were generally vigorous. Tobacco transplanting was practically finished by the 25th, and sweet potato transplanting was begun. Vegetable shipments from the trucking regions were quite extensive at the end of the month. All tree fruits and berries were in good condition, with no material frost damage. Native strawberries were ripening about the 25th. The woods were generally green by the 11th.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.12 inches. The highest pressure was 30.48 inches at Columbia and at Charlotte, N. C., on the 24th; the lowest pressure was 29.44 inches at Asheville, N. C., on the 11th, and in the Section proper, 29.55 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 64.5°, or 2.1° above the normal. The highest temperature was 95° at Garnett on the 14th. The warm periods were from the 3d to the 5th, from the 7th to 18th, and on the 26th and 27th. The lowest temperature was 33° at Santuck on the 2d. The coldest periods were on the 1st and 2d, on the 6th, from the 19th to the 25th, and on the 28th, 29th, and 30th. The latest general spring killing frosts were confined to March.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 78%; noon, 56%; 8 p. m., 67%. The highest percentages occurred along the coast, and the lowest, in the northern interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 5.11 inches, or 2.14 inches above the normal. There were four periods of general showers, but the amounts were badly distributed; north of a line running from southern Georgetown County to southern Barnwell County the amounts ranged upward from 3 inches to over 8 inches, and south of this line the measurements ranged downward to less than an inch in southern Hampton County. The greatest local monthly amount was 8.30 inches at Landrum; least local monthly amount, 0.82 at Garnett. The greatest amount during any 24-hours was 4.10 inches at Spartanburg on the 5th. The number of rainy days was 14% above normal.

There was no snow at any station during the month.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 9.5 miles. The highest average velocity was 12.7 miles per hour at Savannah, Ga., and in the Section proper, 12.3 miles per hour at Charleston; the lowest average was 6.1 miles per hour at Augusta, Ga., and in the Section proper, 7.7 miles per hour at Columbia. The highest velocity for any 5-minute period was 42 miles per hour from the east at Asheville, N. C., on the 28th, and in the Section proper, 39 miles per hour from the southwest at Greenville on the 11th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 243.8 hours, or 63% of the possible amount. The average number of clear days was 14; partly cloudy, 7, and cloudy, 9, as against normals of 15, 8, and 7 days, respectively.

RIVER CONDITIONS.

Moderate flood and freshet conditions prevailed in the various tributaries of the Pee Dee, Santee, and Savannah Rivers between the 6th and the 9th, and again in the Saluda River from the 19th to the 21st. The Santee River was in flood at Rimini and Ferguson throughout the month. In the Santee District the unavoidable losses approximated $12,270, and the value of movable property saved by warnings has been estimated at $80,000. In the Pee Dee District the unavoidable losses approximated $1,000, and the value of movable property saved by warnings has been estimated at $10,000.

MISCELLANEOUS DATA FOR APRIL, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.11	57.1	85	30	3.37	1.24	9.5	nw.	77	49	60	61
Augusta, Ga.....	30.11	66.1	90	44	3.03	1.41	6.1	s.	80	59	66	42
Charleston, S. C...	30.12	68.2	89	45	1.50	0.55	12.3	sw.	74	54	74	82
Charlotte, N. C ...	30.11	61.0	86	38	6.59	2.86	6.4	sw.	78	56	62	63
Columbia, S. C....	30.13	64.4	90	41	6.53	2.18	7.7	sw.	80	55	61	55
Due West, S. C	30.13	62.6	87	39	6.05	2.59	9.7	sw.	80	50	...	50
Greenville, S. C...	30.10	61.7	85	40	4.97	2.56	10.7	sw.	73	54	62	64
Savannah, Ga.....	30.12	66.0	90	44	1.07	0.62	12.7	s.	82	66	76	78
Wilmington, N. C	30.12	63.7	91	41	3.26	1.32	10.0	sw.	77	62	74	68
Means and extremes	30.12	63.8	91	30	4.04	2.86	9.5	sw.	78	56	67	63

Climatological Data for April, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Allendale	Allendale	186	40	66.4	+2.1	88	†10	42	†24	35	3.17	+0.56	1.40	0	5	4	25	1	n.	R. B. Vance.
Blackville	Barnwell	296	38	65.7	+1.3	92	15	38	† 2	46	4.10	+0.81	2.00	0	4	14	8	8	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Olin P. Evans.
Charleston	Charleston	48	51	68.2	+3.7	89	15	45	29	31	1.50	−1.49	0.55	0	6	13	11	6	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	64.8	+3.3	92	†13	39	2	43	4.42	+1.48	0.92	0	8	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	32	65.7	+3.1	93	14	39	25	42	3.16	+0.06	0.91	0	9	14	2	14	ne.	Paul Quattlebaum.
Darlington	Darlington	175	27	64.0	+2.1	92	14	38	2	37	5.83	+2.64	1.70	0	9	14	1	15	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	5.75	+2.43	1.87	0	10	....	....	....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	66.8	+4.7	92	14	41	†24	36	3.28	+0.41	1.02	0	7	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	40	66.0	+3.4	94	15	41	† 2	42	5.50	+2.67	1.59	0	9	12	9	9	ne.	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	5.91	+3.08	1.55	0	10	13	7	10	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	[a]69.4	.....	95	14	[a]42	†21	[a]43	0.82	.....	0.45	0	3	10	16	4	sw.	Mauer B. Robert.
Georgetown	Georgetown	12	29	67.2	+3.7	94	14	39	25	42	3.68	+0.35	0.88	0	7	20	6	4	n.	A. P. Hazard.
Kingstree	Williamsburg	54	40	65.4	+2.2	92	14	40	† 2	41	3.67	+0.86	1.17	0	8	19	1	10	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	66.4	.....	92	14	40	2	40	3.32	.....	1.53	0	6	16	10	4	sw.	U. S. Fisheries Station.
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	2.10	.....	0.90	0	6	18	6	6	nw	State A. and M. College.
Paris Island	Beaufort	13	41	69.6	+4.6	93	15	46	† 1	38	1.36	−0.95	0.70	0	3	15	8	7	w.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	64.3	+2.2	89	15	44	†21	.....	5.21	+2.24	1.50	0	7	13	19	8	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	8	.....	.....	.....	.....	.....	.....	.....	3.80	.....	2.15	0	5	....	..	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	62.9	+1.1	93	14	39	2	39	4.36	+1.10	1.18	0	9	19	6	5	w.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	67.3	+3.8	94	14	41	†21	43	3.58	+0.17	1.76	0	8	21	6	3	w.	E. P. Lawton.
Yemassee	Hampton	24	33	67.6	+2.8	92	14	39	†21	42	1.02	−2.00	0.32	0	5	19	2	9	s.	W. C. Hutson.
Division means and	extremes	.....	....	66.3	+3.3	95	14	38	† 2	46	3.81	+0.77	2.15	0	7	15	9	6	sw.	
Western Portion.																			
Aiken	Aiken	527	60	66.2	+3.2	90	14	41	29	41	3.67	+0.58	1.70	0	5	20	0	10	s.	Frank B. McCoy.
Anderson	Anderson	764	29	62.8	+1.4	87	14	40	2	38	4.65	+1.47	1.55	0	8	19	1	10	w.	H. H. Russell.
Batesburg	Lexington	656	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	7.99	+5.43	2.85	0	9	....	....	....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	61.4	.....	88	14	37	2	38	5.54	+2.02	1.75	0	9	5	11	14	s.	L. M. Parker.
Camden	Kershaw	222	72	65.4	+2.9	91	14	42	25	35	5.09	+2.01	1.80	0	9	19	2	9	sw.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	6.70	+3.71	2.15	0	8	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	7.75	+5.22	2.80	0	7	....	....	....	.....	George V. Clamp.
Clemson College	Oconee	850	30	[a]62.6	+3.0	[a]87	14	[a]25	2	[a]40	6.72	+3.01	2.72	0	8	7	13	10	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	64.4	+1.6	90	14	41	29	31	6.53	+3.67	2.18	0	11	12	6	12	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	8	62.6	.....	87	14	39	2	33	6.05	.....	2.59	0	8	8	12	10	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	3.85	.....	1.20	0	7	....	....	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	6.66	+3.27	2.50	0	11	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	61.7	+3.2	85	14	40	28	31	4.97	+1.32	2.56	0	10	10	11	9	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	63.5	+2.4	87	11	38	2	37	6.83	+3.94	2.26	0	9	18	0	12	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	20	62.2	+1.8	86	†14	37	2	36	6.32	+3.28	2.00	0	8	11	9	10	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	63.8	.....	90	14	39	2	40	5.52	.....	2.22	0	9	16	4	10	w.	John W. Hamel.
Landrum	Spartanburg	1063	7	60.8	.....	86	14	36	2	39	8.30	.....	2.11	0	10	17	7	6	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	61.2	.....	87	14	38	† 2	33	5.63	.....	2.57	0	6	16	11	3	.....	Perry A. Simpson.
Liberty	Pickens	900	22	62.4	+1.8	87	†14	36	2	41	6.25	+0.37	2.55	0	11	10	13	7	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	62.9	+1.1	87	14	38	2	37	5.29	+2.21	2.24	0	8	20	2	8	sw.	J. M. Sease, M. D.
Monetta	Saluda	400	15	64.8	+1.1	90	14	41	† 2	41	4.63	+1.75	1.82	0	7	10	13	7	sw.	Joseph M. Johnson.
Newberry	Newberry	502	18	[c]67.0	+4.8	91	14	[c]42	2	[c]38	7.55	+4.73	3.23	0	5	18	6	6	w.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	6.28	+2.54	2.60	0	9	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	35	†25	.....	6.21	+3.53	1.85	0	7	20	2	8	n.	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	62.6	+2.2	91	15	33	2	44	5.50	+2.28	2.15	0	11	13	9	8	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	62.4	+2.3	88	14	36	2	40	7.35	+4.27	4.10	0	8	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	63.9	+1.2	87	†14	41	† 2	35	3.71	+0.36	0.93	0	8	17	6	7	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	61.8	+3.5	88	14	34	2	43	6.15	+1.50	2.56	0	10	14	8	8	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	28	62.6	+1.5	89	14	38	2	33	8.03	+5.35	3.40	0	9	15	4	11	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	.....	.....	.....	.....	36	2	....	5.12	+2.00	2.00	0	8	19	0	11	n.	R. F. Gooding.
Division means and	extremes	.....	....	63.1	+2.0	91	†14	33	2	44	6.03	+2.76	4.10	0	8	14	7	9	sw.	
Section means and	extremes	.....	....	64.5	+2.1	95	14	33	2	46	5.11	+2.14	4.10	0	8	14	7	9	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for April, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah	.50					.95					.04						T.			.28									1.40	T.		3.17
Blackville ‖‖	Edisto	.45					1.50														.15									2.00			4.10
Bowman	do																																
Charleston ***	Coast						.55											.01	T	.36			.05						.01	.52			1 50
Cheraw ‖‖	Pee Dee	.31					.92	.87										.25		.74	.33			.40					T.	.60			4.42
Conway ‖‖	Waccamaw	.12					.20	.19									.50	.78	.03		T.			.26						.91	.17		3.16
Darlington ‖‖	Pee Dee	.30					1.70	.33									T.	.95		.25	48			.65						1.02	.15		5.83
Effingham ‖‖	Lynches	.40					1.30	.35									.20	.74		.07	.55			.27						1.55	.32		5.75
Ferguson ‖‖	Santee	.42					.85			.02							.32			.32										1.02	.33		3.28
Florence 1 ‖‖	Pee Dee						1.20	.39									.21	.79		.23	.54		.23							1.42	.49		5.50
Florence 2 ‖‖	do	.21					1.55	.32								T.	.10	.85		.27	.52		.20							1.43	.46		5.91
Garnett	Savannah	.12										T.								.25			T.	T.					T.	.45			0.82
Georgetown	Coast	.15	.15				.82										.88	.20	T.					.88					T.	.60			3.68
Kingstree ‖‖	Black	.39					.01	.09									.15				.34			.44						1.17	.48		3.67
Orangeburg 1	Edisto	.25					.92	T.													.49			.03						1.53	.10		3.32
Orangeburg 2	do					.90						T.				.13				.46			.10					.37	.14			2.10
Paris Island	Coast						.10														.56									.70			1.36
Pinopolis	Cooper					1.50	.50									1.00			1.00	.50								.60	.11			5.21
Rimini ‖‖	Santee	.15					.85											.15			.50									2.15			3.80
Society Hill ‖‖	Pee Dee	.37					1.18	.62										.11		.51	.58			.30						.60	.09		4.36
Summerville	Ashley	.05				.75	1.76			.02										.35			.09						.09	.47			3.58
Tenmassee ‖‖	Ashepoo	.35																			.23			.07						.32	.05		1.02
Western Portion.																																	
Aiken	Edisto						1.07												.31	.40									.19	1.70			3.67
Anderson	Savannah					.44	1.11					.10					.07		.20	1.78								T.	.62	.33			4.65
Batesburg ‖‖	Edisto																																
Blairs ‖‖	Broad	.39					2.73										.27	1.06		2.45	.40			.03					.02	.64			7.99
Calhoun Falls ‖‖	Savannah	.35					1.65	.10					.12				.20			1.20	.51		T.					T.	.06	1.35			5.54
Camden ‖‖	Wateree	.20					1.80	.12									.12	1.12	.06	.06	.70									.91			5.09
Catawba ‖‖	Catawba	.40					2.15	.21										.20		1.35	.75								.76	.88			6.70
Chappells ‖‖	Saluda	.20					2.80										.62	.08		2.35	.50									1.20			7.75
Clemson College	Savannah						2.72			.12		.09					.28	.16	.23	2.34										.78			6.72
Columbia ***	Congaree					1.33	.85					.01				.18	1.81	.39	.12	.50			.20						.98	.16			6.53
Due West ***	Savannah					1.99	.60			T.		.14				T.	.46		.13	2.02			T.				T		.64	.07			6.05
Edgefield ‖‖	Savannah	.40					.90					.10					.22			.38	.65									1.20			3.85
Easton Shoals ‖‖	Broad	.60					2.48	.02				.01						.26		1.17	.48		.05	T.				.01	.73	.85			6.66
Greenville ***	Saluda					1.10	1.46					.08				T.	.11	.07	.05	1.43		T	.01					T.	.64	.02			4.97
Greenwood ‖‖	do	.30					2.26						.12				.47	.16		2.02	.51									.89	.10		6.83
Heath Springs	Wateree					1.00	1.97						T.				.30		.12	2.00			.40						.50	.03			6.32
Kershaw ‖‖	Lynches	.31					2.22	.21										.19		1.31	.33			.45					.03	.47			5.52
Landrum	Broad	.33				.16	2.11										.46	.33		1.74			.03					1.22	.72	1.20			8.30
Laurens ‖‖	Saluda	.10					2.57										.02			1.67	.52									.75			5.63
Liberty	Savannah					.45	2.55					.20	T.				.06	.08	.20	1.96			.04					.01	T.	.60	.10			6.25
Little Mountain	Saluda					.34	1.90										.70		.12	1.25			.05						.36	.57			5.29
Monetta	Edisto					.07	1.82					T.				T.	.62		.29	.60								T.	.56	.67			4.63
Newberry	Saluda						2.58										.60			3.23			.05							1.09			7.55
Pelzer ‖‖	do	.64					2.60				T.		.08				T.	.42	T.	1.10	.62		T.					T.	.12	.68	.02		6.28
Saluda	do					.10	1.85										1.26		.25	1.10									.80	.85			6.21
Santuck	Broad	.14				.74	1.41					.01					.51	.05	.13	1.84			.03					T.	.27	.37			5.50
Spartanburg ‖‖	do	.45					4.10						T.		T.	T.		.11	T.	.88	.54		T.	.07					.35	.85			7.35
Trenton	Edisto					.13	.93					.12				.45		T	.33	.63									.74	.38			3.71
Valhalla	Savannah					.19	1.75			.07	.18						.24	.69	.33	2.56								T.	.60	.14			6.15
Winnsboro ‖‖	Broad	.24					3.40										.10	1.60		1.43	.44			.07					.04	.71			8.03
Winthrop College	Catawba						2.00										.11		.05	1.75			.01					.29	.30	.61			5.12

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	62.3	94	28	2.09	5				
1888	64.6	95	31	1.33	4				sw.
1889	62.4	93	30	2.01	6				ne.
1890	62.8	94	31	2.02	6				sw.
1891	63.2	92	26	1.66					sw.
1892	62.8	88	29	1.13					nw
1893	66.7	94	34	1.30	5	15	10	5	sw.
1894	62.6	95	30	2.01	6	15	10	5	sw.
1895	61.4	94	28	5.55	10	12	9	9	sw.
1896	66.9	98	30	1.31	4	14	11	5	sw.
1897	62.2	95	31	3.24	9	16	6	8	sw.
1898	58.0	92	26	5.05	8	16	7	7	sw.
1899	60.0	91	27	3.02	7	12	9	9	n.
1900	62.4	90	24	5.41	9	12	9	9	ne.
1901	56.0	89	30	5.03	7	15	6	9	nw.
1902	60.4	91	24	2.18	7	15	9	6	w.
1903	60.4	88	26	2.95	8	14	9	7	w.
1904	59.2	89	21	1.34	6	14	8	8	sw.
1905	62.8	92	25	3.83	9	15	8	7	sw.
1906	65.1	93	28	1.39	4	20	6	4	sw.
1907	56.4	89	20	4.40	10	10	13	7	sw
1908	66.6	95	31	4.75	9	11	10	9	sw.
1909	63.9	96	30	2.95	7	14	9	7	sw.
1910	63.4	95	32	1.71	5	15	10	5	sw.
1911	61.6	91	30	2.95	8	12	9	9	ne.
1912	64.3	91	32	4.24	9	14	5	11	sw.
1913	61.2	90	30	2.00	6	20	4	6	sw.
1914	63.7	98	30	2.86	7	14	10	6	w.
1915	63.1	96	25	1.47	4	20	6	4	w.
1916	61.6	93	24	1.79	5	18	8	4	w.
1917	64.9	96	28	3.34	7	20	6	4	sw.
1918	61.0	92	32	5.82	11	11	9	10	sw.
1919	62.4	92	24	2.10	5	20	5	5	s.
1920	61.4	94	26	5.13	10	13	6	11	sw.
1921	63.3	91	27	2.43	6	16	8	6	s.
1922	64.5	95	33	5.11	8	14	7	9	sw.
Period	62.4	98	20	2.97	7	15	8	7	sw.

Daily Temperatures for April, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	70	74	78	82	83	75	80	85	84	88	72	82	86	78	78	82	87	88	78	80	73	81	72	76	81	85	86	50	65	61	....	78.0
	Minimum	48	44	45	52	61	63	51	54	67	65	58	45	59	62	66	68	62	65	66	53	45	52	52	42	45	50	51	65	42	49	....	54.9
Blackville	Maximum	75	72	65	63	70	90	72	78	82	84	82	82	84	83	92	89	88	89	88	88	76	75	82	68	75	79	83	88	50	58	....	78.3
	Minimum	41	38	40	38	58	60	50	51	65	62	64	50	60	62	70	65	58	63	63	50	42	50	48	42	50	58	60	50	42	42	....	53.1
Bowman	Maximum	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Charleston	Maximum	72	63	69	77	78	74	74	79	81	84	77	83	85	89	89	74	82	82	83	72	68	81	65	66	69	83	85	83	53	68	....	76.3
	Minimum	56	48	54	63	63	56	54	62	68	68	70	61	62	68	71	68	69	72	62	55	52	57	55	53	59	62	65	52	45	49	....	60.0
Cheraw §§	Maximum	70	72	82	85	75	56	72	86	84	88	82	82	92	92	90	76	87	78	63	66	72	77	68	72	78	83	85	62	55	79	....	77.0
	Minimum	51	39	42	49	56	49	48	52	64	66	66	55	52	69	70	60	60	63	54	49	40	50	43	40	41	59	62	48	41	43	....	52.7
Conway	Maximum	71	71	73	81	80	69	69	84	84	88	84	84	90	93	90	78	82	85	85	71	72	72	66	69	73	81	87	81	49	73	....	77.8
	Minimum	57	40	43	51	52	54	55	57	66	66	68	60	51	66	70	54	54	54	68	60	50	40	48	46	41	39	52	64	46	42	47	....	53.6
Darlington §§	Maximum	73	74	80	82	68	56	73	84	83	88	84	82	90	92	92	68	82	79	62	69	70	69	65	67	74	81	85	54	55	74	....	75.2
	Minimum	53	38	43	50	59	50	48	50	58	65	67	57	53	65	74	55	56	67	57	47	40	50	43	40	45	55	64	54	40	43	....	52.9
Ferguson §§	Maximum	72	70	79	82	82	71	70	83	85	87	85	83	86	92	87	80	86	86	88	70	72	80	71	69	76	82	88	73	65	68	....	78.9
	Minimum	52	42	44	51	54	58	51	50	64	66	68	59	50	66	72	67	61	68	67	53	43	47	45	41	41	59	59	62	42	43	....	54.8
Florence 1	Maximum	52	79	83	86	80	56	64	87	86	91	84	83	92	93	94	71	82	82	71	72	75	63	68	73	75	85	88	64	59	71	....	77.0
	Minimum	....	41	45	53	56	52	50	55	65	65	67	57	56	68	71	56	58	67	59	50	48	49	46	43	45	58	64	59	41	48	....	*54.9
Garnett	Maximum	71	76	80	84	86	82	80	88	88	90	85	86	93	95	91	80	90	92	90	76	76	85	73	76	80	87	89	86	53	70	....	82.6
	Minimum	50	47	45	53	58	61	52	59	67	62	66	58	53	63	68	66	65	71	65	56	42	46	54	42	....	57	59	53	44	49	....	*56.2
Georgetown	Maximum	78	79	74	80	82	73	73	83	85	86	88	83	91	94	92	85	82	84	85	86	68	71	70	68	73	80	90	80	54	70	....	79.6
	Minimum	55	40	43	52	53	57	52	56	68	69	66	56	53	68	61	55	62	68	70	50	49	52	47	46	39	56	62	48	42	46	....	54.7
Kingstree	Maximum	71	73	78	81	81	68	71	85	83	87	85	85	88	92	88	80	85	85	87	86	71	72	73	68	70	75	76	87	78	48	73	....	78.2
	Minimum	54	40	42	50	53	55	50	52	65	65	67	58	52	66	71	56	60	67	55	51	40	45	47	41	40	51	60	46	41	41	....	52.7
Orangeburg 1	Maximum	71	73	79	84	83	75	75	84	85	87	83	82	90	92	86	82	88	88	86	69	73	79	72	72	77	79	88	84	64	67	....	79.9
	Minimum	49	40	44	51	56	55	50	57	61	52	65	57	54	64	64	61	59	67	60	52	42	47	48	41	43	56	52	61	41	41	....	53.0
Paris Island §§	Maximum	71	68	76	79	81	80	79	80	83	82	80	84	81	84	93	78	84	87	88	79	75	83	70	71	79	84	86	84	68	70	....	79.6
	Minimum	46	47	51	60	62	63	52	54	56	66	67	64	69	63	69	65	67	70	70	55	53	56	55	55	65	60	60	64	46	58	....	59.6
Society Hill §§	Maximum	70	70	78	83	80	54	71	85	84	87	88	82	91	93	91	63	84	78	60	66	69	68	68	67	74	80	80	58	56	72	....	75.0
	Minimum	53	39	42	42	54	49	48	48	54	62	62	57	57	58	70	58	58	63	56	48	40	41	43	41	41	41	61	56	40	43	....	50.8
Summerville	Maximum	72	74	78	80	81	78	73	84	83	88	85	83	90	94	92	85	87	88	89	73	73	84	69	73	77	85	88	81	53	70	....	80.3
	Minimum	52	42	43	51	54	59	52	56	65	63	68	55	53	62	69	65	66	66	65	52	41	47	44	41	43	52	60	52	44	46	....	54.3
Yemassee	Maximum	71	75	77	80	85	80	78	87	86	89	84	84	91	92	89	81	87	89	90	74	75	82	76	74	78	85	87	84	54	70	....	81.1
	Minimum	49	42	43	50	57	62	51	58	65	61	65	57	50	60	65	65	65	65	66	64	54	39	44	52	39	43	52	58	60	44	46	....	54.2
Western Portion.																																	
Aiken	Maximum	71	75	78	82	80	72	75	85	84	84	83	80	87	90	87	82	85	80	73	69	71	78	68	70	75	80	85	82	51	67	....	77.6
	Minimum	45	42	48	56	59	56	49	60	65	65	64	55	56	66	69	60	57	66	59	50	45	49	50	46	49	58	62	48	41	48	....	54.8
Anderson	Maximum	62	64	78	80	75	58	73	81	80	82	75	79	83	87	87	68	72	70	68	67	70	75	66	70	72	77	82	69	55	60	....	72.8
	Minimum	43	40	43	62	58	51	49	57	63	64	55	60	59	66	68	54	53	64	52	46	45	44	45	45	48	60	62	45	42	45	....	52.9
Batesburg	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Calhoun Falls §§	Maximum	72	74	78	81	82	58	74	84	84	84	76	79	86	88	81	60	76	72	63	68	72	76	68	72	74	82	85	61	52	61	....	74.2
	Minimum	40	37	40	44	50	51	47	47	53	62	60	50	51	55	64	52	52	54	61	44	39	41	43	42	40	46	56	56	39	38	....	48.5
Camden §§	Maximum	71	73	82	83	75	71	71	86	85	90	80	86	89	91	83	84	85	74	67	69	70	73	71	69	73	79	79	82	63	74	....	77.6
	Minimum	50	51	52	55	58	49	52	55	57	66	67	53	52	58	71	51	56	61	50	47	44	47	49	45	42	48	54	63	50	39	...	53.1
Clemson College	Maximum	70	72	75	79	77	62	71	82	82	82	80	79	84	87	86	84	71	71	71	69	76	....	71	68	70	75	82	71	59	67	....	a74.9
	Minimum	43	35	42	45	54	52	49	54	61	60	55	50	52	66	69	54	53	60	52	38	48	....	41	39	43	60	60	45	42	41	...	a50.4
Columbia	Maximum	68	73	77	80	76	59	73	84	82	84	79	79	87	90	88	66	81	75	72	66	72	75	65	67	75	77	85	64	50	69	....	74.6
	Minimum	49	42	47	56	59	49	48	58	65	66	63	57	58	68	66	55	58	68	50	49	43	51	46	44	50	60	62	46	41	49	..	54.1
Due West	Maximum	68	72	75	78	76	62	71	83	80	82	75	77	84	87	84	70	73	71	66	65	69	74	64	67	72	76	83	61	53	64	....	72.7
	Minimum	44	39	50	55	58	49	48	57	62	64	55	53	55	65	70	54	54	66	52	48	42	49	45	43	46	59	60	46	43	43	....	52.5
Greenville	Maximum	63	71	74	77	68	57	70	80	80	79	74	78	81	85	84	69	70	70	65	64	68	73	63	65	69	75	80	58	56	68	....	71.1
	Minimum	44	40	50	55	57	49	48	58	63	63	54	53	58	67	69	53	52	62	49	47	47	51	43	45	49	61	58	40	42	43	...	52.3
Greenwood	Maximum	75	73	77	80	78	63	70	82	80	80	87	77	83	86	83	76	74	71	69	63	69	74	68	66	71	74	81	78	52	62	....	74.1
	Minimum	44	38	52	55	59	61	49	59	63	67	64	54	55	65	70	53	53	65	51	46	42	52	45	42	47	59	60	44	40	43	....	52.9
Heath Springs	Maximum	67	72	71	75	74	65	62	78	80	82	76	75	85	86	86	65	78	76	75	69	64	71	65	60	70	72	80	76	55	70	....	72.7
	Minimum	47	37	47	55	58	47	46	55	61	63	63	54	59	69	70	53	54	52	51	45	41	51	42	41	44	56	62	45	40	46	....	51.8
Kershaw	Maximum	70	70	79	81	79	70	71	83	83	84	83	79	87	90	87	78	82	75	71	67	68	72	61	68	72	75	81	69	51	73	....	75.3
	Minimum	48	39	44	53	55	48	46	55	63	64	65	55	56	69	71	55	57	65	52	46	41	50	42	40	42	52	60	51	40	47	...	52.4
Landrum	Maximum	63	73	75	78	71	58	71	82	82	82	74	81	84	86	85	78	73	72	66	63	69	70	64	66	71	72	78	59	57	69	....	72.4
	Minimum	43	36	40	50	52	49	48	52	62	62	64	52	54	53	67	55	52	52	49	41	39	51	37	39	40	56	59	44	42	57	....	49.2
Laurens §§	Maximum	66	71	76	80	73	54	71	82	81	82	73	78	84	87	86	60	74	70	55	65	70	74	65	67	73	78	84	58	54	67	....	71.9
	Minimum	48	38	39	45	51	52	48	51	54	62	65	52	54	55	68	58	54	58	52	50	38	43	44	41	44	47	62	57	42	39	....	50.4
Liberty	Maximum	69	74	76	82	75	60	75	82	78	82	77	80	84	87	87	77	75	72	70	69	71	74	69	70	73	75	85	66	61	70	....	74.8
	Minimum	43	36	42	52	52	52	46	44	56	62	58	51	55	67	69	55	52	53	51	46	39	50	42	40	46	50	62	44	44	42	....	50.0
Little Mountain	Maximum	65	70	75	78	70	65	70	81	79	80	70	80	85	86	87	76	79	82	69	64	62	62	63	70	75	78	82	76	53	65	....	73.2
	Minimum	45	38	60	58	55	43	47	58	63	63	62	59	60	69	69	42	53	65	49	46	44	42	44	48	52	56	60	44	39	46	....	52.6
Monetta	Maximum	69	73	78	80	81	67	74	85	82	84	80	80	87	90	86	83	83	79	71	66	70	75	71	70	75	80	85	80	49	67	....	76.7
	Minimum	45	41	47	54	58	52	48	57	63	63	60	54	55	67	70	57	56	60	53	47	47	47	46	43	46	58	59	44	41	47	..	52.8
Newberry	Maximum	74	75	80	83	79	63	74	86	86	87	78	81	88	91	90	80	82	73	70	70	72	77	68	70	78	80	87	73	60	70	....	77.5
	Minimum	39	42	53	52	54	50	51	62	65	67	62	58	....	68	68	58	59	68	54	51	50	....	....	52	55	62	....	....	....	....	....	.....
Saluda	Maximum	71	74	68	70	70	66	66	68	76	76	76	73	78	81	80	79	75	76	70	58	60	66	65	67	61	71	78	78	50	65	....	e56.5
	Minimum	45	37	40	51	57	51	48	40	51	63	61	54	54	67	71	57	47	55	53	49	37	45	44	39	35	42	56	35	41	48	....	70.2
Santuck	Maximum	68	74	77	80	73	62	73	83	82	84	78	80	87	90	91	76	75	72	69	67	70	75	66	70	75	78	85	64	53	72	....	49.1
	Minimum	45	33	39	47	52	49	47	51	61	64	62	52	48	69	71	54	55	62	49	46	34	47	44	38	41	58	60	44	42	41	....	75.0
Spartanburg	Maximum	64	73	76	80	76	61	72	75	83	83	78	80	87	88	86	79	75	71	70	66	71	73	65	68	75	76	79	64	58	71	....	50.1
	Minimum	43	36	43	51	56	49	48	55	60	60	60	50	52	65	68	55	53	61	50	42	38	52	41	42	43	58	62	49	42	40	....	74.1
Trenton	Maximum	69	72	76	81	80	65	72	83	84	84	78	78	86	87	87	69	83	77	70	61	71	74	67	70	75	80	84	70	49	64	....	50.8
	Minimum	45	41	49	55	59	52	48	56	64	64	59	53	56	58	58	58	56	65	58	49	47	50	46	44	48	58	59	44	41	48	....	74.9
Walhalla	Maximum	70	74	76	80	70	64	71	81	82	82	75	82	84	88	87	73	74	73	59	69	71	76	67	68	77	78	84	66	59	64	....	52.9
	Minimum	42	34	41	45	55	54	48	53	64	58	54	53	52	63	66	53	52	59	52	41	38	51	38	39	41	58	58	44	40	40	...	74.1
Winnsboro §§	Maximum	67	71	77	81	74	54	71	82	82	84	79	79	77	89	87	61	80	72	58	64	69	73	64	68	74	78	85	57	50	71	....	49.5
	Minimum	47	38	49	55	59	52	47	49	62	64	65	55	57	62	69	57	52	60	51	46	43	50	44	42	48	57	61	55	40	44	....	72.6
Winthrop College	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	46	36	46	52	56	47	48	57	62	63	63	52	56	59	62	57	55	59	50	42	38	42	41	42	48	59	61	45	41	40	....	52.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

NSC

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., MAY, 1922. No. 5.

GENERAL SUMMARY.

Thermal conditions ranged near the seasonal average, with no marked extremes. Precipitation averaged much above normal and was badly distributed, with excessive amounts on much of the coastal plain and in the Piedmont and measurements below normal in the north-central interior.

Almost continuous daily showers materially retarded spring work, especially in the northwestern counties, where plowing and planting were very backward; on the coastal plain the moisture and soil conditions were better, and spring work made satisfactory progress. Unfavorable weather caused irregular germination of cotton and corn, necessitating much replanting, and the stands showed all stages of development; cotton chopping began in the lower counties during the opening week and was in progress up-State at the end of the month. The boll weevil was numerous practically everywhere. Corn, though irregular in growth, had generally good color. Tobacco, white potatoes, fruits, and field and garden truck were in good condition. Rust damage to wheat was not as great as anticipated, and the crop had improved by the end of the month, when harvest began. The oat and rye harvests became general about the middle of the month, with good to excellent results. Stubble lands were being turned to late corn and forage as soon as plowing conditions permitted. Sweet potato transplanting was carried on extensively. Native peaches, strawberries, blackberries, and vegetables were plentiful at the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29.98 inches. The highest pressure was 30.44 inches at Charlotte, N. C., on the 1st, and in the Section proper, 30.42 inches at Due West on the same date; the lowest pressure was 29.40 inches at Asheville, N. C., on the 18th, and in the Section proper, 29.44 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 71.0°, or 0.2° below the normal. The highest temperature was 98° at Garnett on the 13th. The warm period was principally between the 3d and 15th. The lowest temperature was 38° at Calhoun Falls on the 1st. There was no well-defined cool period until the closing days of the month.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 60%; 8 p. m., 73%. The greatest percentages occurred along the coast, and the least, over the north-central interior.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 5.89 inches, or 2.31 inches above the normal. The month was marked by practically continuous daily showers. In a considerable area of the northern interior, the rainfall was below normal, while in the Piedmont counties and the major portion of the coastal plain the amounts ranged from 4 to nearly 13 inches. The greatest local monthly amount was 12.65 inches at Georgetown; least local monthly amount, 2.63 inches at Heath Springs. The greatest 24-hour amount at any station was 3.25 inches at Liberty on the 16th. The number of rainy days was 50% above normal.

Damage by Lightning.—Store of J. G. Cousar, Fort Lawn, Chester County, fired by lightning and completely destroyed, 11th; ginnery of O. A. Jordan, Fort Lawn, fired by lightning and badly damaged, 22d; two horses belonging to W. P. Edwards, Calhoun Falls, killed by lightning, 11th, loss being about $400.

Heavy hail caused considerable damage to crops in the vicinity of Patrick, Chesterfield County, on the 18th.

WIND.

The prevailing wind was from the southeast. The average hourly velocity, determined from 9 anemometer records, was 7.9 miles. The highest average velocity was 12.2 miles per hour at Savannah, Ga., and in the Section proper, 11.2 miles per hour at Charleston; the lowest average velocity was 4.5 miles per hour at Charlotte, N. C., and in the Section proper, 6.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 45 miles per hour from the west at Savannah, Ga., on the 17th, and in the Section proper, 39 miles per hour from the north at Due West on the 13th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 262.8 hours, or 60% of the possible amount. The average number of clear days was 12; partly cloudy, 8, and cloudy, 11, as against normals of 15, 10, and 6 days, respectively.

RIVER CONDITIONS.

Moderate floods and freshet conditions prevailed in the Saluda River from the 5th to the 7th and from the 17th to the 20th; in the Broad River, from the 5th to the 7th and on the 19th; in the Congaree River, on the 19th and 20th; in the Pee Dee River, on the 7th, 20th, and 21st, and in the Savannah River, on the 5th, 6th, 18th and 19th. The Santee River was close to or above flood stages at Rimini and Ferguson throughout the month.

MISCELLANEOUS DATA FOR MAY, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	29.99	63.2	83	36	2.59	0.73	6.9	se.	82	58	67	50
Augusta, Ga.	29.97	72.5	91	54	5.14	1.45	5.6	e.	81	65	74	60
Charleston, S. C.	29.98	73.0	93	58	9.56	2.68	11.2	ne.	79	65	79	74
Charlotte, N. C.	29.98	69.4	88	49	3.72	1.45	4.5	se.	77	52	67	67
Columbia, S. C.	29.99	71.7	90	51	2.85	0.87	6.5	ne	82	55	65	52
Due West, S. C.	30.01	69.3	88	50	4.59	2.27	8.2	e.	83	58	...	47
Greenville, S. C.	29.97	68.6	85	49	6.28	2.55	8.1	ne.	76	57	68	62
Savannah, Ga.	29.97	74.3	94	57	7.86	2.03	12.2	e.	83	69	81	58
Wilmington, N. C.	30.00	70.5	89	49	5.20	2.51	8.0	sw.	82	60	80	68
Means and extremes	29.98	70.3	93	36	5.31	2.68	7.9	ne. e.	81	60	73	60

Climatological Data for May, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	73.2	0.0	92	11	52	2	33	6.78	+3.46	2.55	0	13	4	8	19	e.	R. B. Vance.
Blackville	Barnwell	296	38	[b]71.6	−1.7	[b]94	†10	50	1	[b]34	6.00	+2.50	1.75	0	13	16	5	10	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Olin P. Evans.
Charleston	Charleston	48	51	73.6	+0.9	93	13	58	29	21	9.56	+6.09	2.68	0	16	9	11	11	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	72.1	+1.4	94	11	43	1	39	4.05	+0.55	1.10	0	7	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	71.5	+0.6	92	11	48	1	38	4.32	+0.76	0.75	0	11	11	3	17	se.	Paul Quattlebaum.
Darlington	Darlington	175	27	[d]70.6	−0.6	[d]93	11	[d]45	1	[d]33	3.31	−0.03	0.88	0	11	17	2	12	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	4.48	+0.98	1.84	0	8	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	71.8	+0.6	92	13	54	29	32	8.15	+3.98	1.67	0	10	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	72.8	+0.6	94	13	48	† 1	34	4.16	+0.46	1.53	0	14	13	11	7	sw.	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	3.94	+0.34	1.02	0	10	12	8	11	e.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	74.2	.....	98	13	56	† 1	35	6.45	.....	1.93	0	16	2	17	12	se.	Maner B. Robert.
Georgetown	Georgetown	12	29	72.8	+0.6	92	12	52	31	36	12.65	+9.21	1.78	0	14	14	12	5	w.	A. P. Huzard.
Kingstree	Williamsburg	54	40	71.6	−0.2	92	11	41	1	37	5.03	+1.84	1.48	0	11	21	1	9	se.	W. H. Matthews.
Orangebnrg 1	Orangebnrg	264	6	71.7	.....	92	11	49	1	34	7.67	.....	1.92	0	13	11	16	4	se.	U. S. Fisheries Station.
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	7.06	.....	2.41	0	11	12	10	9	se.	State A. and M. College.
Paris Island	Beaufort	13	41	74.6	+1.1	94	12	55	1	30	9.80	+6.65	2.10	0	14	8	10	13	w.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	69.8	−0.7	89	13	56	29	.....	6.51	+2.85	1.40	0	12	6	17	8	nw	Miss E. P. Ravenel.
Rimini	Sumter	97	8	.....	.....	.....	.....	.....	.....	.....	10.78	.....	1.96	0	10	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	[b]70.0	−0.8	[b]92	†11	[b]45	† 1	[b]30	3.34	+0.04	0.88	0	8	23	5	3	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	73.0	+1.1	95	13	53	† 1	34	7.49	+4.17	2.40	0	16	15	10	6	w.	E. P. Lawton.
Yemassee	Hampton	24	33	72.8	+0.2	95	13	53	1	35	6.95	+3.45	2.40	0	13	16	1	14	sw.	W. C. Hutson.
Division means and	extremes	.....	....	72.5	+0.7	98	13	41	1	39	6.59	+3.10	2.68	0	12	12	8	11	se.	
Western Portion.																				
Aiken	Aiken	527	60	71.9	+0.5	92	11	52	1	30	5.58	+2.12	1.38	0	10	16	0	15	ne.	Frank B. McCoy.
Anderson	Anderson	764	29	69.5	−0.9	87	13	49	1	28	5.33	+2 29	1.61	0	12	12	1	18	w.	H. H. Russell.
Batesburg	Lexington	656	38	.....	.....	.....	.....	.....	.....	.....	3.33	+0.46	1.37	0	11	.....	.....	.....	.....	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	5.96	+2.00	1.85	0	14	6	15	10	e.	J. N. Owens.
Calhoun Falls	Abbeville	508	23	68.4	.....	92	†11	38	1	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	L. M. Parker.
Camden	Kershaw	222	72	[a]73.6	+4.1	[a]95	12	50	29	[a]34	3.17	−0.04	0.62	0	12	21	1	9	sw.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	4.27	+0.57	1.18	0	9	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	5.42	+2.74	2.68	0	11	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	68.4	−0.5	87	†11	45	1	33	8.04	+4.43	2.04	0	13	4	17	10	se	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	71.7	−0.1	90	11	51	1	24	2.85	−0.34	0.87	0	10	9	5	17	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	8	69.3	.....	88	11	50	1	28	4.59	.....	2.27	0	17	7	7	17	e.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	4.50	.....	1.40	0	9	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	5.65	+2.47	1.60	0	11	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	68.6	+0.9	85	13	49	1	26	6.28	+2.72	2.55	0	13	7	12	12	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	68.4	−2.5	86	11	46	1	26	6.17	+2.62	2.95	0	12	13	0	18	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	20	69.4	−0.8	88	11	45	1	33	2.63	−0.54	0.90	0	10	10	15	6	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	70.6	.....	91	†11	44	1	36	3.07	.....	0.70	0	11	17	0	14	e.	John W. Hamel.
Landrum	Spartanburg	1063	7	67.8	.....	89	11	40	1	32	11.93	.....	2.62	0	13	14	9	8	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	69.7	.....	88	11	44	1	31	5.59	.....	2.95	0	7	14	15	2	.....	Perry A. Simpson.
Liberty	Pickens	900	22	68.8	−1.3	88	12	46	1	34	11.21	+6.88	3.25	0	17	7	17	7	e.	John T. Boggs.
Little Mountain	Newberry	711	29	69.4	−2.6	89	†11	49	1	29	2.69	−0.39	0.67	0	8	21	4	6	s.	J. M. Sease, M. D.
Monetta	Saluda	400	15	71.2	−0.7	92	11	49	1	32	5.57	+2.99	1.21	0	13	8	13	10	e.	Joseph M. Johnson.
Newberry	Newberry	502	18	.....	.....	94	†11	52	1	31	6.00	+2.74	1.50	0	12	12	17	2	w.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	4.98	+1.03	3.04	0	9	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	70.2	−0.1	93	†11	40	1	38	4.48	+1.42	1.20	0	12	9	15	7	se.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	69.5	+0.1	89	12	43	1	34	5.35	+1.26	1.58	0	11	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	70.1	−2.0	90	11	49	1	33	6.33	+5.22	1.57	0	9	11	10	10	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	67.9	+0.6	89	11	43	1	38	7.03	+3.27	3.03	0	16	6	18	7	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	28	[c]70.9	−0.1	[c]93	12	[c]47	1	[c]30	4.39	+1.30	1.29	0	13	12	9	10	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	69.9	−0.2	89	†11	44	1	34	3.43	−0.77	0.83	0	14	13	7	11	sw.	R. F. Gooding.
Division means and	extremes	.....	....	69.8	−0.6	95	12	38	1	38	5.37	+1.98	3.25	0	12	12	9	10	e.	
Section means and	extremes	.....	....	71.0	−0.2	98	13	38	1	39	5.89	+2.31	3.25	0	12	12	8	11	se.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.

† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb: means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for May, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah	.05	.20	.30	.68	.35	.15					.15					2.55	.80	.15		.15			T.	T.			.65	.60				6.78
Blackville ||||	Edisto		.10	.10	1.75	.25	.10									.05	1.00	.25	.25		.10		.25	.15			1.65					6.60
Bowman	do																															
Charleston ***	Coast	.08		T.	.34	.02		T.				.32		.72	.04		2.28	.64	.15	.42	T.					.16	.53	2.53	.07	T.	.11	1.15	9.56
Cheraw ||||	Pee Dee			T.	.15		.21								.49	T.		.80	1.08	T.			.22					1.10				4.05
Conway ||||	Waccamaw				.29	.07	.15								.45	.37		.35	.74		.43			.66			.06		.75				4.32
Darlington |||	Pee Dee			T	.38		.58							.04	.03		.25	.88	.12			.30		.31					.42				3.31
Effingham ||||	Lynches		T.		1.84		.07									1.24		.08	.65	.10			.14	T.					.36				4.48
Ferguson |||	Santee		T.		.37	.32	.35											.90	.77		.62		1.43	.11			1.61	1.67		T.	T.		8.15
Florence 1 |||	Pee Dee				1.53	.04	.62								.03	.28		.09	.56	.23	.05		.04	.06	.20		.04		.39				4.16
Florence 2 |||	do			T.	1.02	.04	.66									.31		.10	.66	.13			.07	.47	.03		T.		.45				3.94
Garnett	Savannah	.05		.45	.04	.08									.20		1.93	.38	.08	.55	.43			T.	.04		.66	.03	.51		.15	.87	6.45
Georgetown	Coast	T.			.36	.98						.40	1.28		1.55		.20	.63	.55		.73	.20	.68			T.	1.57	1.74	1.78	T.	T.		12.65
Kingstree |||	Black				.35	.13	.10						.28			.42		.20	1.07		.22		1.48				.18	.60				5.03
Orangeburg 1	Edisto		.08	T.	1.92	.24	.13	.13							.33			1.24	.18		.28		.32	1.40			.85	.57			T.	7.67
Orangeburg 2	do	.60		.70	.15	.42									.50		.17		.23	.30			.80			2.41	.78					7.06
Paris Island	Coast	.10	.20		.20	1.00						.10					2.00	.90	1.10	.20		.10						1.50	.10	2.10	.20	9.80
Pinopolis	Cooper				.70							.08				.10	1.40	.58		.50		.50	.50			1.00	1.00			.10	.05	6.51
Rimini |||	Santee				1.96	.22											1.02	1.30		.60		.78	1.86	.21			.85	1.98				10.78
Society Hill |||	Pee Dee				.20	.18									.11		.57	.68	.20			.88					.52				3.34
Summerville	Ashley	.02			.10	.32							.08	.04		1.55	.08	.86	1.16	.18	.13	.07				.07	2.40	.31		.12		7.49
Yemassee |||	Ashepoo		.06		.50	.13							.16		.60		2.40	.35		1.00		.52			.16		.43	.32			.32	6.95
Western Portion.																																	
Aiken	Edisto			.49	.51	.60											1.14	13	.38				.67				.41	.44	.81				5.58
Anderson	Savannah		.16	.31	.81							.47					1.62	1.03	.36			.05	.04		.33				.10			.05	5.33
Batesburg |||	Edisto																															
Blairs |||	Broad				.10	.32	.04	.05							.26			1.37	.47	.14			.06	.10				.42				3.33
Calhoun Falls |||	Savannah				.40	1.00		.10		.28			.12	T.	.25			1.85	.25	.40			.11	.04	.07	.08			1.01			T.	5.96
Camden |||	Wateree				.04	.62	.12	.22							.20			.45	.40	.30			.20	.46	.12				.04				3.17
Catawba |||	Catawba				.10	.50	.05						.08		.42			1.02	.90	.02			1.18										4.27
Chappells |||	Saluda		.05	.30	.45										.05		.20	2.68	.82	.30					.20		.25	.12				5.42
Clemson College	Savannah		.15	.44	2.04	.30					T.	.60	.02					1.43	.53			T.	.93		1.46		.05		.03			.06	8.04
Columbia ***	Congaree	T.		.29	.18	.04								T.	.15		.58	.42	.52			T.	.08	T.			.02	.57				2.85
Due West***	Savannah	.05	.01	.89	.16	.18		T.				.03	.05	.14			1.73	.94	.19			.02	.05	.06	.03		T.	.05				.01	4.59
Edgefield |||	Savannah			.25	.80		.10										.10	1.40	.60	.20							.60	.45				4.50
Gaston Shoals |||	Broad			.15	.97	.14	.13					.18	.01		.29			1.19	.67	.32		T.						1.60				5.65
Greenville ***	Saluda	T.	.05	.66	1.46	.06					T.	.01	.05	.65			1.72	1.00	.16			T.	.18	T.	.27		T.	T.				.01	6.28
Greenwood |||	do		.03	.43	.67								.22		.30		.40	2.95	.39	.32				.10			.21	.10				6.17
Heath Springs	Wateree			.18	.06	.20									.40		.21	.35	.90					.09			.21				.03	2.63
Kershaw |||	Lynches			.06	.19		.38					.03			.33			.45	.70	.36			.12		.03				.42				3.07
Landrum	Broad		.22	1.42	2.62	.84	.07								.82		.72	1.21	.97	.33			.26		2.20		.25						11.93
Laurens |||	Saluda			.35	.70						.80			.27			.50	2.20	.77									T.					5.59
Liberty	Savannah		.06	.26	1.88	.40					T.	.75	.02	.05			3.25	.25	.50	.20		T.	1.10	.35	1.90	.20	.02	T.				.02	11.21
Little Mountain	Saluda			.45	.10	.03											.60	.45	.67									.29	.10				2.69
Monetta	Edisto	.16		.51	.56	.09											1.21	.31	.38	.35			.02	.09			.09	.80	1.00				5.57
Newberry	Saluda		.09	.06	.45	.10					.36	.05		.46			1.50	1.13	.36	.15									1.29			T.	6.00
Pelzer |||	do		.08	.40	.72								T.	T.	T.		.12	3.04	.24	T.			T.	.04	T.	.04			.30				4.98
Saluda	do																															
Santuck	Broad	T.	T.	.31	.54	.24					.03	.04					1.20	.75	.92	.05			T.	T.		.02	T	.32	.06				4.48
Spartanburg ||||	do		T.	.20	.80	T.	.05					.50	T.	.04	T.		.05	1.47	1.58	.50			T.	.06	T.	.10		T.	T.			T.	5.35
Trenton	Edisto	T.		T.	1.28	.14											1.57	T.	1.21	.28			.18	.19		T.	.48	T.	1.00			T.	6.33
Walhalla	Savannah		.22	.62	3.03	.10					.08	.20	.39		T.		.67	.33	.62			T.	.02	.01	.28	.09	.07					.30	7.03
Winnsboro ||||	Broad		T.	.06	.51	.03	.20									.18	.27	1.21	.42	.16			.02		.01				.03	1.29				4.39
Winthrop College	Catawba			.27	.19	.12						.04	.01				.63	.77	.83	.04						.07	.01	.32	.11			.02	3.43

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MAY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.5	97	41	3.17	10				
1888	70.2	99	33	7.51	11				
1889	71.7	101	35	1.97	5				nw.
1890	71.0	95	30	5.44	10				sw.
1891	69.0	100	36	3.57					ne.
1892	71.1	94	39	3.53					
1893	70.2	97	38	4.13	9	13	9	9	sw.
1894	70.7	98	38	3.43	9	10	16	5	sw.
1895	69.0	101	34	4.36	9	11	12	8	sw.
1896	76.7	104	42	2.74	8	14	13	4	sw.
1897	69.3	97	38	2.39	6	18	8	5	sw.
1898	73.8	106	39	1.35	5	18	10	3	sw.
1899	73.7	100	45	1.68	5	15	10	6	sw.
1900	70.2	96	38	2.37	5	19	7	5	sw.
1901	71.4	99	40	7.31	11	13	10	8	sw.
1902	74.0	101	42	2.69	8	15	10	6	sw.
1903	70.7	104	44	2.69	9	12	9	10	ne.
1904	70.6	99	38	2.04	7	18	8	5	s.
1905	73.4	99	42	5.70	13	12	9	10	sw.
1906	70.7	99	30	3.00	7	17	6	8	sw.
1907	70.8	96	41	4.51	10	11	12	8	sw
1908	71.8	96	36	2.92	7	16	11	4	sw.
1909	69.5	100	35	4.26	8	14	12	5	sw.
1910	69.8	99	40	4.03	8	15	10	6	sw.
1911	72.6	106	35	0.65	3	20	8	3	ne.
1912	72.4	101	43	4.08	9	16	6	9	sw.
1913	71.7	101	38	2.13	6	19	6	6	sw.
1914	72.1	105	42	0.83	3	18	10	3	sw.
1915	73.0	98	46	7.20	11	11	11	9	w.
1916	73.8	103	42	2.44	5	20	7	4	sw.
1917	66.3	98	31	3.09	7	18	7	6	w.
1918	72.6	100	31	3.48	7	19	8	4	sw.
1919	71.0	96	42	5.23	11	12	11	8	s.
1920	67.6	94	42	1.77	6	16	9	6	ne.
1921	68.1	98	36	5.30	10	12	10	9	ne.
1922	71.0	98	38	5.89	12	12	8	11	se.
Period	71.2	106	30	3.58	8	15	10	6	sw.

Daily Temperatures for May, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	70	71	80	82	83	85	86	88	89	91	92	90	89	86	85	86	88	88	84	86	87	87	86	85	83	86	83	71	79	80	82	84.1
	Minimum	54	52	54	67	64	60	59	62	60	62	65	68	63	62	68	59	55	64	63	62	66	65	63	65	68	68	69	61	56	62	66	62.3
Blackville	Maximum	66	80	74	....	79	85	87	91	87	94	94	91	90	91	90	65	73	74	83	....	76	84	89	87	88	87	82	65	72	79	79	[b]82.1
	Minimum	50	55	60	65	62	59	64	64	61	60	61	61	64	63	61	62	59	61	59	60	60	63	62	65	64	68	67	61	57	57	61	61.2
Bowman	Maximum	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Charleston	Maximum	70	72	74	79	77	83	90	81	77	78	84	89	93	83	81	77	81	76	86	80	83	80	84	79	78	80	83	71	74	76	80	80.0
	Minimum	61	62	67	66	66	62	69	68	66	68	67	69	72	71	69	62	64	63	66	68	71	74	70	72	73	72	70	63	58	66	68	67.2
Cheraw §§	Maximum	80	83	73	82	83	84	89	88	88	89	94	93	90	85	85	82	78	78	82	87	87	87	88	90	88	90	88	76	84	85	73	84.8
	Minimum	43	56	60	64	63	57	56	59	57	54	59	64	65	65	58	61	60	60	57	60	61	64	62	65	68	60	63	58	46	58	59	59.4
Conway	Maximum	74	78	75	84	80	84	88	82	83	84	92	91	90	85	83	79	81	76	86	87	88	87	86	84	82	85	83	75	76	79	75	82.6
	Minimum	48	55	59	63	63	57	58	59	58	54	60	60	65	65	60	58	56	61	63	65	63	61	65	65	67	63	71	59	49	60	63	60.4
Darlington §§	Maximum	77	80	72	81	80	83	88	85	87	87	93	88	84	84	78	78	75	82	86	87	....	....	....	....	80	86	85	70	81	82	73	[d]81.9
	Minimum	45	55	60	62	64	57	60	61	57	54	64	65	67	60	56	62	60	58	62	61	61	....	....	....	....	61	70	56	46	56	61	[d]59.3
Ferguson §§	Maximum	71	79	79	83	81	85	87	84	85	88	91	90	92	91	82	77	76	80	79	87	82	83	87	83	85	86	84	71	75	79	81	82.7
	Minimum	47	57	59	65	64	55	55	62	59	56	61	64	64	65	63	62	59	61	60	62	65	62	64	66	67	68	68	55	54	56	64	60.9
Florence 1	Maximum	77	83	71	75	82	86	87	89	91	91	88	92	94	78	88	79	81	72	84	81	80	89	91	90	86	93	85	71	79	84	75	83.6
	Minimum	48	56	62	65	60	59	61	65	60	57	65	65	66	68	62	61	63	62	59	63	63	63	67	67	69	64	71	60	48	58	61	61.9
Garnett	Maximum	69	83	72	85	83	86	91	93	90	92	95	94	98	93	92	75	82	78	88	88	89	88	90	85	86	86	87	72	80	78	82	85.5
	Minimum	56	59	63	67	64	56	60	61	62	62	64	64	63	64	58	61	61	61	62	63	66	65	64	67	68	69	69	63	58	64	66	62.9
Georgetown	Maximum	71	79	76	80	80	80	90	88	89	85	90	92	89	87	84	82	80	75	85	88	87	84	88	83	85	82	85	76	80	80	76	83.1
	Minimum	56	58	58	66	63	60	58	63	64	68	68	56	68	65	61	61	62	60	64	63	63	61	66	66	67	65	66	58	62	66	52	62.4
Kingstree	Maximum	73	78	74	82	80	84	89	83	85	88	92	90	91	88	86	76	76	80	84	86	88	85	88	85	85	85	84	75	78	82	78	83.2
	Minimum	41	55	61	65	62	55	59	60	58	53	60	64	64	66	63	60	60	60	60	60	63	60	60	64	64	67	65	69	60	50	58	56	60.1
Orangeburg 1	Maximum	69	78	74	82	80	83	86	86	85	88	92	91	91	87	86	79	75	74	83	86	86	84	87	82	84	84	82	73	76	80	78	82.3
	Minimum	49	56	61	65	63	57	57	59	59	58	62	64	64	66	62	61	60	61	60	60	62	62	61	66	67	67	68	61	52	59	64	61.1
Paris Island §§	Maximum	78	77	81	76	82	88	89	88	84	87	89	94	93	91	90	82	84	78	86	92	88	89	88	83	83	86	88	75	76	79	70	84.3
	Minimum	55	56	56	64	65	64	64	66	67	66	63	65	69	69	65	72	62	60	65	62	64	69	69	70	71	70	70	59	63	65	67	64.8
Society Hill §§	Maximum	75	80	....	83	80	84	80	86	88	88	92	92	88	....	86	78	77	74	82	86	87	85	87	87	87	88	85	70	78	81	71	[b]82.9
	Minimum	45	45	67	....	64	57	58	62	56	53	54	54	54	65	...	54	54	60	58	59	62	62	64	65	66	62	62	56	47	47	58	[b]57.2
Summerville	Maximum	69	80	75	83	81	85	90	86	92	88	93	92	95	89	88	76	80	76	85	86	87	87	88	86	86	84	82	74	76	79	78	83.7
	Minimum	53	56	59	69	63	57	60	62	61	59	59	63	66	65	62	59	61	61	61	64	62	62	65	67	68	70	68	61	53	63	74	62.4
Yemassee	Maximum	69	81	73	84	83	85	90	89	87	89	93	93	95	90	89	76	79	76	86	88	88	86	88	82	84	85	87	73	79	79	81	84.1
	Minimum	53	56	60	65	68	56	58	60	60	58	60	63	63	64	60	65	59	60	62	61	63	62	63	66	67	68	68	60	56	62	64	61.6
Western Portion.																																	
Aiken	Maximum	68	77	75	81	79	82	83	88	87	87	92	91	90	88	85	81	72	71	81	85	83	83	86	83	85	84	79	76	76	80	77	81.8
	Minimum	52	58	61	64	60	56	61	65	63	62	66	64	66	66	66	61	59	59	57	60	66	64	64	66	67	69	69	58	54	59	65	62.0
Anderson	Maximum	69	67	69	77	76	82	82	85	86	84	84	86	87	85	83	73	69	72	77	82	77	82	85	81	77	81	80	68	67	77	76	78.3
	Minimum	49	52	64	62	60	65	65	61	62	63	63	63	65	65	60	58	57	57	54	57	62	62	64	66	62	65	67	58	53	57	63	60.7
Batesburg	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Calhoun Falls §§	Maximum	70	75	71	78	74	83	79	87	88	80	92	92	90	86	81	67	72	76	79	85	79	84	89	86	83	73	84	69	72	79	78	80.0
	Minimum	38	48	48	60	58	52	53	58	60	59	60	60	61	60	60	60	56	55	52	53	58	59	60	60	62	63	65	60	51	53	58	56.8
Camden §§	Maximum	78	82	85	79	79	86	85	87	92	90	94	95	87	87	...	79	78	78	84	87	83	88	89	87	89	89	71	80	84	86	79	[a]84.4
	Minimum	41	59	62	61	61	63	64	60	63	65	68	71	73	69	63	64	61	62	61	65	67	61	62	67	69	70	71	47	50	55	67	62.8
Clemson College	Maximum	70	69	71	77	74	81	81	83	84	84	87	87	86	83	82	79	68	74	76	83	81	83	84	77	79	79	82	79	79	79	75	79.2
	Minimum	45	55	60	62	59	50	60	54	57	60	60	62	61	62	54	58	56	57	50	50	57	58	62	63	64	64	63	60	51	53	62	57.7
Columbia	Maximum	71	77	68	80	77	82	84	85	85	86	90	90	90	84	85	70	74	72	81	85	83	83	85	84	84	83	83	70	77	79	74	80.7
	Minimum	51	58	62	65	63	59	63	66	62	62	66	66	68	66	62	60	61	62	60	64	66	65	64	66	67	67	67	58	64	60	65	62.7
Due West	Maximum	70	72	69	76	73	81	78	84	84	84	88	88	87	83	82	69	70	72	77	83	75	82	84	89	80	78	81	69	76	79	78	78.5
	Minimum	50	58	61	62	60	53	62	59	61	61	62	61	62	64	59	58	58	59	54	59	60	62	64	66	64	63	67	58	53	57	64	60.1
Greenville	Maximum	70	65	71	76	74	79	81	82	83	84	85	85	85	80	81	70	67	71	75	81	78	81	83	77	80	80	82	68	74	77	75	77.5
	Minimum	49	56	59	62	60	55	62	62	63	64	61	66	59	64	60	55	55	58	52	56	62	61	64	65	64	65	64	57	52	57	63	59.7
Greenwood	Maximum	69	71	69	77	73	79	77	80	82	82	86	83	85	80	80	70	69	70	77	80	75	80	81	80	77	80	80	75	76	76	76	77.3
	Minimum	46	51	60	61	60	54	62	59	60	59	62	62	65	63	57	63	57	58	54	60	64	62	64	65	63	60	63	58	51	55	63	59.5
Heath Springs	Maximum	70	73	70	76	74	79	84	80	82	84	88	87	87	84	83	79	73	68	75	80	81	79	86	83	81	83	83	80	75	75	75	79.3
	Minimum	45	57	60	64	61	57	63	60	57	54	64	65	66	62	57	60	59	59	55	60	64	61	62	65	65	61	69	55	47	54	61	59.6
Kershaw	Maximum	74	78	71	80	79	82	85	86	87	87	91	91	88	82	84	78	75	71	82	84	85	83	91	86	84	86	84	72	78	80	76	82.0
	Minimum	44	57	61	64	62	57	60	60	56	55	63	64	65	63	57	57	59	60	55	60	62	61	61	65	64	60	69	51	46	56	61	59.2
Landrum	Maximum	71	65	68	75	76	78	84	82	84	85	89	87	86	80	82	75	70	73	75	82	81	83	84	78	82	80	82	69	74	78	78	78.6
	Minimum	40	54	58	60	58	55	54	60	55	62	57	70	73	61	52	57	55	54	54	60	60	60	61	60	56	48	49	61	57	57	61	57.0
Laurens §§	Maximum	71	73	69	78	76	81	80	84	85	86	88	87	87	87	82	64	71	73	78	83	80	83	84	85	87	82	82	69	76	79	79	79.6
	Minimum	44	49	59	66	64	53	58	56	57	70	70	62	68	64	56	59	57	59	51	63	57	62	70	63	63	60	70	59	52	58	61	59.8
Liberty	Maximum	72	66	76	77	76	81	84	86	87	86	87	88	85	82	84	75	74	73	78	85	82	83	84	77	83	80	83	75	75	80	74	79.9
	Minimum	46	55	55	66	59	53	59	56	56	57	61	61	63	64	55	55	57	57	51	51	59	60	63	60	65	64	63	58	52	55	56	57.8
Little Mountain	Maximum	72	....	69	....	75	78	80	83	84	83	89	89	88	83	84	75	70	....	77	....	80	82	85	83	82	81	80	70	72	79	79	[d]79.7
	Minimum	49	55	56	59	60	58	60	61	61	60	65	64	65	60	60	58	57	57	54	56	57	60	64	64	64	65	65	56	51	53	55	59.0
Monetta	Maximum	70	76	72	80	78	82	83	88	88	89	92	91	90	86	85	81	78	72	80	84	82	85	88	84	86	81	81	68	77	79	75	81.5
	Minimum	49	57	60	64	60	57	62	66	60	60	64	64	65	64	62	59	59	58	55	59	64	62	63	65	65	67	65	57	52	58	63	60.8
Newberry	Maximum	70	76	72	81	80	85	85	88	86	85	94	94	93	85	88	78	75	81	83	87	84	85	89	85	85	87	85	75	79	83	80	83.3
	Minimum	52	59	65	63	63	55	68	....	....	....	....	....	....	....	....	....	....	52	62	66	....	62	64	....	....	....	....	....	....	....	....	.....
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Santuck	Maximum	76	78	69	80	79	83	85	86	87	88	93	93	91	86	86	68	74	73	78	85	84	85	89	87	86	88	88	71	78	83	81	82.5
	Minimum	40	54	60	62	61	51	60	53	55	55	58	60	63	63	54	58	57	56	60	60	58	61	61	63	61	60	65	66	48	53	63	58.0
Spartanburg	Maximum	74	70	70	79	78	82	87	80	87	88	88	89	88	83	84	75	71	74	78	84	82	85	85	83	84	82	86	72	79	83	81	81.0
	Minimum	43	56	59	62	59	54	60	57	59	60	60	62	67	63	56	58	56	56	56	54	54	57	62	63	61	61	65	57	50	53	63	58.0
Trenton	Maximum	70	77	70	80	77	81	81	88	86	88	90	89	88	88	84	75	72	73	79	84	78	82	87	83	84	84	70	60	78	78	80	80.7
	Minimum	49	59	60	60	56	57	63	64	61	60	60	63	64	64	61	58	59	59	56	61	65	64	63	51	64	65	51	58	53	53	64	59.5
Walhalla	Maximum	72	66	70	78	75	83	83	83	85	85	89	87	87	83	83	71	68	73	76	85	80	82	85	82	80	80	83	75	76	80	72	79.3
	Minimum	43	54	59	60	56	50	57	52	57	60	58	64	60	60	60	51	58	55	55	46	47	55	57	59	63	62	64	61	60	59	55	61	56.5
Winnsboro §§	Maximum	78	76	68	80	77	81	84	85	...	...	93	91	89	89	85	70	73	71	80	85	85	85	85	86	85	88	84	....	....	77	86	78	[c]81.7
	Minimum	47	52	59	61	62	56	60	61	59	...	...	63	65	63	59	64	59	59	55	61	64	62	62	63	65	65	63	68	56	...	50	63	[c]60.1
Winthrop College	Maximum	68	71	71	72	72	82	86	84	85	88	89	89	87	89	84	76	78	71	84	86	89	83	86	81	89	84	89	72	78	81	77	80.3
	Minimum	44	57	60	63	60	55	62	56	58	62	63	64	65	62	57	62	59	59	53	59	60	60	62	66	65	62	68	56	47	55	62	59.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

NSC

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., JUNE, 1922. No. 6.

GENERAL SUMMARY.

Seasonable temperatures occurred throughout practically the entire month. The rainfall was badly distributed, with large excesses in the eastern counties and in a small area of the Piedmont and deficiencies in considerable areas of the western counties.

Much needed cultivation against grass was materially retarded until the improved conditions later in the month. The cereal harvests were likewise greatly delayed, but this work was finished about the middle of the month, followed by threshing, with fair to good results generally, wheat turning out better than expected. Corn was in all stages of growth, from stubble-land germination to roasting ears, but the crop, as a whole, was fair to good. Cotton, though small for the season, was vigorous and healthy at the end of the month, and the early crop was blooming freely in the eastern, central, and southern counties; the first bloom was found near Cope, in Orangeburg County, on the 4th; weevils were numerous throughout the State, with some damage in the southern counties. Tobacco, sweet potatoes, late white potatoes, field and garden truck, and pastures were in fair to good condition generally. The strawberry season closed during the first week. Native watermelon shipments began toward the close of the month, and cantaloupes, muskmelons, and blackberries were plentiful.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.01 inches. The highest pressure was 30.23 inches at Due West on the 24th, and at Asheville, N. C., on the 25th; the lowest pressure was 29.76 inches at Asheville, N. C., on the 2d, and in the Section proper, 29.78 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 38 stations, was 78.2°, or 0.6° above the normal. The highest temperature was 101° at Paris Island on the 11th, and at Newberry on the 12th. The warmest period was between the 8th and the 18th. The lowest temperature was 52° at Calhoun Falls on the 24th. The coolest period was between the 23d and 26th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 58%; 8 p. m., 74%. The highest percentages occurred along the coast, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 5.48 inches, or 0.58 inch above the normal. Showers were intermittent throughout the month. In a small area of the Piedmont and in an extensive area of the coastal plain, the measurements ranged from 5 to over 11 inches, while in a considerable area of the Savannah drainage basin, the lower coast counties, and the north-central border district the amounts were less than 4 inches and ranged downward to below 3 inches. The greatest local monthly amount was 11.76 inches at Conway, and the least local monthly amount was 2.62 inches at Allendale. The greatest amount during any 24 hours was 4.25 inches at Florence No. 2 (Pee Dee Experiment Station) on the 18th and 19th. The number of rainy days was 10% above normal.

Deaths by Lightning.—Mr. J. Abrams Coats, planter, Sullivan Township, Laurens County, 21st; Mr. Addy Matthews, Nazareth section, Saluda County, 27th.

Damage by Lightning.—At Monetta, 4th, warehouse and contents, including 331 bales of cotton; loss estimated at about $40,000. Near Camden, barn and contents, including 11 bales of cotton, belonging to Mr. D. M. McCaskill, 19th; loss estimated at about $2,000.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 6.5 miles. The highest average was 9.5 miles per hour at Charleston and Savannah, Ga.; the lowest average was 4.0 miles per hour at Charlotte, N. C., and in the Section proper, 5.2 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the west at Savannah, Ga., on the 20th, and in the Section proper, 46 miles per hour from the west at Greenville on the 12th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 297.6 hours, or 69% of the possible amount. The average number of clear days was 14; partly cloudy, 11, and cloudy, 5, as against normals of 13, 11, and 6 days, respectively.

RIVER CONDITIONS.

Moderate freshets occurred in the Saluda, Broad, and Congaree Rivers between the 2d and 4th. The Santee River fell below flood stage at Rimini on the 18th and at Ferguson on the 20th, having been in flood at the latter point since February 5. The river was again in flood at Rimini from the 22d to the 25th and at Ferguson from the 24th to the 27th.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 4, 5, 6, 8, 9. *Solar:* Columbia, 5, 9, 10, 12, 27; Due West, 9; Liberty, 12.

Hail.—Liberty, 18.

MISCELLANEOUS DATA FOR JUNE, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.01	71.2	87	52	3.68	1.41	5.5	nw.	84	54	72	62
Augusta, Ga.	30.00	80.2	96	63	4.28	1.59	4.4	s.	79	57	72	68
Charleston, S. C.	30.02	79.8	97	69	3.54	0.86	9.5	s.	76	63	77	77
Charlotte, N. C.	30.00	77.6	95	59	2.74	0.87	4.0	se.	80	52	66	70
Columbia, S. C.	30.01	79.0	95	65	4.96	1.65	5.2	s.	82	53	71	60
Due West, S. C.	30.03	77.5	93	61	3.02	0.83	6.8	sw.	81	54	...	73
Greenville, S. C.	29.99	76.4	92	60	6.59	3.14	6.6	w.	79	54	67	73
Savannah, Ga.	30.02	80.2	95	66	5.85	1.69	9.5	s.	83	62	81	72
Wilmington, N. C.	30.02	77.2	94	64	7.67	1.14	7.2	sw.	84	69	82	66
Means and extremes	30.01	77.7	97	52	4.70	3.14	6.5	s	81	58	74	69

Climatological Data for June, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	79.8	+0.8	98	12	64	25	33	2.62	−2.58	0.65	0	10	10	18	2	e.	R. B. Vance.
Blackville	Barnwell	296	38	79.6	+0.3	99	†13	61	8	32	4.81	−0.83	2.50	0	7	16	8	6	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Olin P. Evans.
Charleston	Charleston	48	51	79.8	+0.9	97	12	69	26	21	3.54	−1.85	0.86	0	15	7	18	5	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	78.8	+1.6	96	18	59	23	32	6.31	+1.06	2.15	0	8	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	78.5	+1.7	97	12	64	†16	26	11.76	+6.89	2.33	0	15	13	0	17	se.	Paul Quattlebaum.
Darlington	Darlington	175	27	78.4	+1.6	97	12	61	23	32	7.25	+1.66	3.55	0	9	11	9	10	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	8.60	+2.74	2.35	0	9	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	79.2	+2.2	97	12	61	1	27	5.90	+0.24	1.01	0	13	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	79.6	+1.2	97	18	61	1	29	11.23	+5.96	1.42	0	13	12	17	1	sw.	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	10.02	+4.75	4.25	0	10	20	7	3	w.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	[a]80.5	.....	98	12	[a]63	25	[a]30	3.74	.....	1.46	0	15	7	22	1	s.	Maner B. Robert.
Georgetown	Georgetown	12	29	78.2	−0.2	99	12	60	5	30	8.55	+2.98	1.05	0	14	17	6	7	w.	A. P. Hazard.
Kingstree	Williamsburg	54	40	78.7	+0.7	98	26	63	16	33	7.56	+2.40	2.91	0	10	26	1	3	sw.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	78.8	.....	96	12	61	24	28	5.45	.....	1.16	0	13	11	11	8	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	3.22	.....	0.55	0	12	14	5	11	se	State A. and M. College.
Paris Island	Beaufort	13	41	81.8	+2.8	101	11	65	24	30	2.80	+2.60	0.90	0	8	11	10	9	w.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	77.2	+1.1	95	12	67	26	.....	8.16	+2.43	2.00	0	15	7	15	8	ne.	Miss E. P. Ravenel.
Rimini	Sumter	97	8	.....	.....	.....	.....	.....	.....	.....	7.31	.....	2.33	0	8	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	78.2	+1.3	98	12	62	†21	34	7.50	+2.06	2.66	0	11	21	3	6	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	79.0	+1.7	98	12	62	15	35	8.13	+2.37	3.02	0	17	13	15	2	sw.	E. P. Lawton.
Yemassee	Hampton	24	33	78.8	−0.1	97	†12	64	†25	30	5.33	−0.66	0.90	0	13	18	0	12	se.	W. C. Hutson.
Division means and	extremes	.....	....	79.1	+1.4	101	11	59	23	35	6.66	+1.20	4.25	0	12	44	10	6	w.	
Western Portion.																				
Aiken	Aiken	527	60	79.0	+1.4	96	12	64	5	28	4.44	−0.30	1.65	0	8	23	2	5	e.	Frank B. McCoy.
Anderson	Anderson	764	29	77.4	+1.8	92	†12	63	24	27	4.12	−0.37	1.53	0	7	21	1	8	w.	H. H. Russell.
Batesburg	Lexington	656	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. J. Hite.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	3.66	−0.81	1.44	0	8	.....	.....	.....	.....	J. N. Owens.
Calhoun Falls	Abbeville	508	23	76.8	.....	98	18	52	24	37	3.24	−0.39	1.30	0	8	15	9	6	e.	L. M. Parker.
Camden	Kershaw	222	72	.....	.....	98	†12	.....	.....	.....	5.34	+0.86	1.75	0	10	24	3	3	w.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	3.18	−1.72	1.14	0	6	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	4.19	+0.12	1.60	0	8	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	76.3	+1.0	92	†14	56	24	35	4.90	−0.28	1.03	0	11	15	13	2	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	79.0	+0.8	95	18	65	24	24	4.96	+0.78	1.65	0	12	7	13	10	s.	U. S. Weather Bureau.
Due West	Abbeville	711	8	77.5	.....	93	30	58	25	28	3.02	.....	0.83	0	9	6	17	7	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	5.44	.....	4.05	0	6	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	4.47	+2.16	2.64	0	9	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	76.4	+2.0	92	12	60	24	26	6.59	+1.56	3.14	0	12	9	15	6	w.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	76.4	+1.0	91	†29	59	24	29	4.02	−0.54	1.70	0	6	19	0	11	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	20	76.8	+0.4	95	30	61	†24	29	6.81	+1.61	2.29	0	10	7	16	7	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	78.5	.....	96	30	60	†24	32	7.34	.....	1.81	0	11	20	0	10	w	John W. Hamel.
Landrum	Spartanburg	1063	7	75.8	.....	94	12	55	†24	37	5.24	.....	2.62	0	6	15	13	2	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	77.0	.....	93	†12	56	24	28	8.52	.....	2.70	0	11	6	24	0	.....	Perry A. Simpson.
Liberty	Pickens	900	22	76.8	+0.5	94	†12	57	25	34	4.19	−1.60	1.10	0	14	7	20	3	s.	John T. Boggs.
Little Mountain	Newberry	711	29	77.6	−0.2	95	12	62	24	27	5.20	+0.94	1.65	0	7	22	3	5	w.	J. M. Sease, M. D.
Monetta	Saluda	400	15	79.0	+1.6	96	18	63	24	30	2.74	−3.01	1.06	0	12	7	22	1	ne.	Joseph M. Johnson.
Newberry	Newberry	502	18	.....	.....	101	12	.....	.....	.....	7.47	+3.25	2.24	0	10	14	13	3	w.	Warren G. Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	6.20	+1.95	2.00	0	11	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. F. V. J. Maxwell.
Santuck	Union	512	29	78.8	+2.1	98	†12	55	24	34	6.04	+1.98	3.17	0	10	8	18	4	se.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	77.4	+1.4	96	†12	58	24	35	3.58	−1.10	1.82	0	11	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	78.6	+0.4	95	12	63	24	29	4.45	−0.16	2.33	0	6	14	13	3	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	75.8	+1.1	94	†12	53	24	40	4.43	−0.86	0.95	0	11	13	15	2	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	28	78.6	+1.9	96	†12	61	24	29	5.29	+0.90	1.35	0	12	13	12	5	se.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	78.2	+2.1	96	12	57	24	38	4.32	−0.82	1.75	0	11	19	6	5	s.	R. F. Gooding.
Division means and	extremes	.....	....	75.5	+0.8	101	12	52	24	40	4.63	+0.02	4.05	0	10	14	11	5	w	
Section means and	extremes	.....	....	78.2	+0.6	101	†11	52	24	40	5.48	+0.58	4.25	0	11	14	11	5	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

PINOPOLIS.—Maximum temperature date, page 76, October, 1918, and Errata, April, 1919, page 28, should be †3.

Daily Precipitation for June, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale |||	Savannah	.10	.65	.05		.15			.10						.07					.10		.50	.60	.30									2.62
Blackville |||	Edisto		2.50	.25		1.00	.56		.10						.15					.25			.10									4.81
Bowman	do																																
Charleston ***	Coast	.06	.07			.65	.01	.08		T.	.05				.17					.23	.17	.38	.10				.79	.10	.08		.60		3.54
Cheraw |||	Pee Dee		.91	.76		.42	T.													1.10	2.15	T.	.53	.29							.15		6.31
Conway |||	Waccamaw	1.60	.19	1.02		.60	1.11	.06	.28							.54				1.03	.16	.06	2.33					1.35	1.36	.07			11.76
Darlington |||	Pee Dee	.20	.62	.33		.97										.12				3.55	.83		.58	.05									7.25
Effingham |||	Lynches	T.	.80	.82		2.35										T.				1.80	.42		.70					.55		.95	.21		8.60
Ferguson |||	Santee	.03	.72	1.01		.86		.12	.26	T.	T.				T.	.67				.30	.24		.13	.48				.57			.51		5.90
Florence 1 |||	Pee Dee	.37	.21	.82		1.42		.03			.24				T.	.03				3.25	4.16		.54					.08		.06	.02		11.23
Florence 2 |||	do	.27	.60	.59		1.01					.34				T.					4.25	2.10	.70	.10					T.	.06				10.02
Garnett	Savannah	.61	1.46	.01		.10	.09		.47	.04					.16	.25				.30	.05		.03	.02			.14	.01	T.				3.74
Georgetown	Coast	.33	.52	T.	T.	.55	.34	.15								.21				.70	.45		.85				.75	.85	1.00	.80	1.05		8.55
Kingstree |||	Black		.21	2.91			.09	.17	.03											2.50	.42		.69							.33	.21		7.56
Orangeburg 1	Edisto		.29	.65		1.16		.54	.28	.05	.02	.02			.25					.58	.74		.32	.55									5.45
Orangeburg 2	do	.34	.50		.11		.18	.11	.10	.20					.25				.55	.35		.33	.20										3.22
Paris Island	Coast	.20	.30								.70				.10						.30	.90	.20	.10									2.80
Pinopolis	Cooper	.50		2.00	.10	.65	.25	.20		.20					.25				.46	1.90	.10	.55	.80				.10				.10		8.16
Rimini |||	Santee		2.00	.30		1.00										.31					2.33	.57	.30	.50									7.31
Society Hill |||	Pee Dee	.30	.70	.42			2.66									.67				1.05	.75		1.30	.24				.04			.37		7.50
Summerville	Ashley	.53		.55		.04	.33	.11	.12	.02	.23					.02				3.02	1.20	.08	.70	.29			.79	.02	.08					8.13
Yemassee |||	Ashepoo	.03	.32	.64				.63	.06	.42						.03				.54	.73	.63		.90					.28	T.	.12		5.33
Western Portion.																																	
Aiken	Edisto	.37	.29			.25	.09		.32						.55					.15	1.65								.77				4.44
Anderson	Savannah		.52		1.53										1.06				.20	.16							.44	.21				4.12
Batesburg |||	Edisto																																
Blairs |||	Broad		1.44	.38		.18		.74							.21						.15	.45	.11									3.66
Calhoun Falls |||	Savannah	.30	.30			.02		.13							1.30					.49		.10	.60									3.24
Camden |||	Wateree		.71			.94		.12		.15					.16	.08				.50	1.75		.22	.71									5.34
Catawba |||	Catawba		.58	.72				.50							.24					.60	.54												3.18
Chappells |||	Saluda		1.60			.38		.49							.50	.10				.22			.15								.75		4.19
Clemson College	Savannah		.32		.09		1.03	.48	.05						.72			.28	.64	.01		.61						.10					4.90
Columbia ***	Congaree	.96	.16		1.65		.10	.07	.32						.33				.80	.18	T.	.02		.12			T.	T.	.25				4.96
Due West***	Savannah	.67	.02		.72		.12	T.							.83				.01	.35	.17	.13						T.		T.			3.02
Edgefield |||	Savannah	.04	.20		4.05										.85	.20				.10													5.44
Gaston Shoals |||	Broad	.04	2.64	.23		.04		T.							.29				.07		1.08		.05					.03				4.47
Greenville ***	Saluda	.74	2.46		1.13			T.					.15	T.	.83			.03	.14	.24	.57	.26						T		.03	.01		6.59
Greenwood |||	do		1.70					.47							1.61	.10				.09			.05										4.02
Heath Springs	Wateree	1.22	1.28		09		2.29							.15					.48	.77	.08	.42					.03						6.81
Kershaw |||	Lynches	.02	1.30	1.81		.09		.88	.35						.20					.05	1.40	.66	.58										7.34
Landrum	Broad	.48	2.62							.68										.66		.78							.62				5.24
Laurens |||	Saluda	2.70	.87			.21	.38	.37						.08	.54					.56	2.05	.10								.66			8.52
Liberty	Savannah	1.05	.04	T.	.79			.04	.08					1.10				.02	.80	.01	T.	.10						.04	.02	.04	.02		4.19
Little Mountain	Saluda	.10	1.50		1.20			.23							.30					.22		1.65											5.20
Monetta	Edisto	.22	.01		.20	.10	1.06	.24	.03						.36					.07		.15						.27	.03				2.74
Newberry	Saluda	.82	.70		.22		1.95			.05					.75					.16		2.24	.67					.51				7.47
Pelzer |||	do	T	1.82			.14			.04						.70	.42				.04	.04	.46	.34					.20		2.00		6.20
Saluda	do																																
Santuck	Broad	1.49	1.68	T.	T.	.12	1.02	.02							.26				.44		.41	1.29								.31			6.04
Spartanburg |||	do	.05	1.82	.23		.03	.02	.47		T.					.25					.11	.19	.12	.29								T.		3.58
Trenton	Edisto	.94	T.		T.	2.33	T.	T.							.72					T.	.20	.05	T.					T.	.21				4.45
Walhalla	Savannah	.10	.84		.77		.13		.10						.55			.95	.16	.05		.73						.05		T.			4.43
Winnsboro |||	Broad	.03	1.05	.36		.06		1.35	.07		.05				.16	.17				.03		1.35	.61										5.29
Winthrop College	Catawba	.69	1.75	.25		.12	.73			.14					.21					.32	.06	.04								.01			4.32

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.9	107	44	3.53	8				
1888	78.1	102	51	2.73	7				sw.
1889	74.4	99	39	5.10	10				se.
1890	80.9	103	56	2.41	8				sw.
1891	79.3			3.20					
1892	75.1	99	53	5.25					sw.
1893	76.5	96	53	7.64	12	10	11	9	se
1894	77.0	105	41	3.91	8	13	12	5	sw.
1895	78.2	105	50	3.04	8	13	13	4	sw.
1896	77.9	102	52	5.42	12	11	12	7	sw.
1897	79.2	103	49	5.44	12	10	13	7	sw.
1898	79.7	105	55	4.15	8	17	10	3	sw.
1899	79.4	105	48	3.89	8	14	10	6	sw.
1900	76.2	97	52	7.94	14	4	15	11	sw.
1901	76.7	102	48	6.55	12	9	12	9	sw.
1902	78.5	105	52	4.48	9	15	10	5	sw.
1903	74.2	96	42	8.09	14	11	10	9	sw.
1904	77.0	102	48	4.06	8	18	7	5	sw.
1905	78.9	101	43	1.92	6	6	14	10	e.
1906	78.4	102	52	8.88	12	13	8	9	sw.
1907	75.8	99	50	5.92	10	12	13	5	sw
1908	76.6	100	48	4.90	9	13	13	4	ne.
1909	79.2	105	58	6.87	12	10	14	6	sw.
1910	75.5	98	46	7.78	13	10	11	9	sw.
1911	80.9	106	54	3.42	8	14	12	4	sw.
1912	75.5	101	48	5.68	9	13	7	10	sw.
1913	76.2	105	40	5.53	12	15	9	6	sw.
1914	81.1	108	50	3.80	8	14	12	4	sw.
1915	76.0	103	49	4.26	9	14	10	6	s.
1916	76.4	100	48	5.12	11	12	11	7	sw.
1917	76.9	102	43	4.49	8	16	10	4	sw.
1918	77.0	106	50	3.44	7	15	9	6	ne.
1919	76.4	101	46	5.97	10	11	9	10	e.
1920	77.4	105	52	3.41	6	19	7	4	s.
1921	79.2	103	50	2.81	6	15	11	4	sw.
1922	78.2	101	52	5.48	11	14	11	5	w.
Period	77.6	108	39	4.90	10	13	11	6	sw.

Daily Temperatures for June, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	85	87	89	88	89	89	89	97	93	90	93	98	93	95	89	90	96	95	90	91	90	90	89	88	89	90	91	90	89	94	....	90.9
	Minimum	69	66	68	71	65	68	69	69	70	71	70	75	73	69	73	66	69	70	69	69	69	68	69	65	64	65	69	68	69	69	....	68.8
Blackville	Maximum	79	86	87	90	87	90	85	91	90	91	91	94	99	93	95	90	90	98	99	93	90	93	91	87	92	93	96	95	94	96	....	91.5
	Minimum	64	65	68	62	65	65	71	61	70	70	71	70	72	68	65	66	67	68	70	70	70	69	68	63	66	64	70	72	71	74	....	67.8
Bowman	Maximum	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Charleston	Maximum	79	82	87	83	85	80	82	87	89	90	95	97	86	90	80	83	82	87	85	88	90	86	84	84	86	81	82	84	90	91	...	85.8
	Minimum	70	75	74	75	72	75	74	74	75	77	71	78	78	76	74	71	76	75	73	74	72	72	70	73	71	69	75	72	76	76	....	73.9
Cheraw §§§	Maximum	88	85	90	89	91	90	94	92	95	88	92	95	89	95	90	92	93	96	84	85	88	88	86	88	91	91	89	89	92	93	....	90.3
	Minimum	67	67	68	69	66	68	70	67	72	70	69	72	64	69	66	61	68	70	69	66	70	64	59	61	64	65	69	70	69	68	....	67.2
Conway	Maximum	84	80	82	85	80	77	84	89	94	90	95	97	91	95	86	87	86	92	87	87	90	90	88	87	88	85	84	88	94	95	....	87.9
	Minimum	68	71	70	70	68	68	70	71	72	73	71	73	68	71	68	64	66	68	69	71	70	67	66	67	64	67	70	69	73	70	....	69.1
Darlington §§	Maximum	83	84	86	89	86	88	88	91	93	90	94	97	90	93	86	89	90	93	84	86	86	89	85	87	90	90	87	90	91	94	....	89.0
	Minimum	68	65	68	70	65	71	70	70	72	72	72	74	65	70	67	62	65	70	68	67	70	65	61	63	64	64	69	70	70	69	....	67 9
Ferguson §§	Maximum	87	84	85	88	87	85	87	90	91	91	93	97	90	95	87	87	93	92	90	90	90	90	87	89	90	88	88	90	93	94	....	89.6
	Minimum	61	68	69	67	69	70	69	70	78	71	68	70	72	70	70	67	66	70	69	70	70	69	67	63	63	68	68	69	71	70	....	68.7
Florence 1	Maximum	88	86	92	84	86	87	86	93	95	90	95	98	89	91	90	91	92	97	86	85	90	89	90	90	91	91	89	92	95	96	....	90.5
	Minimum	61	71	69	69	66	71	71	71	72	72	71	74	69	71	69	66	68	70	68	67	70	66	65	65	65	65	70	71	71	71	....	68.8
Garnett	Maximum	87	86	91	89	90	87	92	96	93	94	95	98	96	96	90	91	92	96	93	92	92	92	89	91	92	89	90	94	96	98	....	92.2
	Minimum	67	66	68	....	66	68	70	69	70	72	68	76	72	69	73	67	68	68	70	70	69	70	68	68	63	63	68	67	71	71	....	*68.8
Georgetown	Maximum	84	82	83	90	82	80	81	90	91	92	94	99	93	95	87	87	89	93	83	92	86	88	89	87	91	89	87	90	92	92	....	88.6
	Minimum	66	67	61	61	60	70	68	61	71	72	71	75	70	72	70	69	70	68	68	72	68	65	66	66	62	66	69	70	72	69	....	67.8
Kingstree	Maximum	83	89	89	85	85	83	86	90	92	92	94	97	91	95	90	90	90	90	93	86	86	88	88	85	88	87	98	84	90	92	91	.. 89.2
	Minimum	68	68	69	69	69	69	67	70	70	72	68	72	68	70	69	63	67	67	67	68	70	66	67	65	64	65	69	70	71	70	....	68.2
Orangeburg I.	Maximum	85	86	88	89	88	85	85	91	92	91	93	96	90	93	88	87	90	94	91	87	90	89	84	85	89	88	85	91	94	95	....	89.3
	Minimum	67	66	67	67	66	69	69	69	70	70	70	76	73	67	71	65	66	69	69	70	69	69	68	61	64	64	69	69	70	71	....	68.3
Paris Island §§§	Maximum	86	84	89	85	86	84	97	89	92	95	101	98	100	95	100	88	90	92	92	92	93	92	88	90	92	90	92	90	95	99	....	91.9
	Minimum	70	67	71	72	69	72	72	74	71	73	72	75	75	70	75	75	74	73	75	71	68	71	70	65	70	75	72	71	70	75	....	71.8
Society Hill §§	Maximum	84	84	87	85	87	83	91	92	94	91	95	98	88	94	88	90	92	95	84	86	86	90	84	87	89	90	88	90	94	94	....	89.3
	Minimum	67	67	67	70	65	69	71	70	70	70	70	73	64	70	67	63	64	69	69	67	64	64	62	62	63	64	65	70	70	68	....	67.1
Summerville	Maximum	86	85	87	87	88	87	82	89	93	88	95	98	93	97	89	91	91	95	87	88	88	90	87	88	90	93	88	88	92	96	....	89.5
	Minimum	69	67	70	67	68	67	68	70	70	72	68	73	74	70	62	64	66	66	69	69	69	68	66	68	63	66	68	69	71	72	....	68.3
Yemassee	Maximum	86	84	89	89	89	84	90	90	91	93	94	97	93	97	89	89	90	94	90	87	91	91	88	89	89	87	87	90	90	94	....	90.0
	Minimum	67	65	66	66	66	67	69	68	69	72	67	74	71	67	72	64	66	67	68	68	67	69	66	67	64	64	67	66	70	70	....	67.6
Western Portion.																																	
Aiken	Maximum	86	81	86	87	85	87	87	89	92	90	92	96	92	92	91	90	91	95	92	88	90	89	88	88	90	91	88	90	91	92	...	89.5
	Minimum	67	66	65	69	64	70	69	68	71	68	68	73	73	66	72	69	69	70	70	68	69	68	69	65	67	67	70	67	69	70	....	68.5
Anderson	Maximum	74	77	83	84	84	80	85	88	88	87	89	92	88	91	86	87	90	92	86	87	86	89	87	86	90	92	86	86	91	90	...	86.7
	Minimum	65	66	64	65	66	65	65	67	69	70	70	73	71	65	70	70	70	70	69	70	69	68	70	63	65	69	69	68	69	70	...	68.0
Batesburg	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Calhoun Falls §§§	Maximum	78	82	89	90	86	82	90	92	94	94	94	95	93	94	90	90	93	98	90	91	90	92	88	89	94	94	91	92	94	96	...	90.8
	Minimum	60	60	60	62	62	64	65	67	68	65	67	68	70	60	61	66	66	66	63	64	63	62	60	60	52	56	60	64	62	62	65	... 62.8
Camden §§§	Maximum	84	86	91	84	....	88	91	92	95	....	....	98	90	92	92	94	96	97	84	90	91	90	90	90	94	93	91	91	94	98	...	°91.5
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	75	79	85	86	85	85	85	87	84	88	89	91	90	92	90	86	92	84	85	87	87	89	86	87	90	92	91	89	92	92	....	87.3
	Minimum	65	65	61	62	64	65	65	65	68	68	67	62	65	65	70	70	69	66	67	65	67	65	62	55	59	62	66	65	68	68	....	65.0
Columbia	Maximum	83	81	87	83	88	85	87	90	92	91	92	94	91	92	89	89	90	95	85	88	88	89	85	87	90	89	86	90	93	93	...	88.7
	Minimum	67	67	67	65	67	69	69	70	72	71	70	75	74	68	70	69	70	71	69	69	70	67	66	65	69	69	69	69	71	74	....	69.3
Due West	Maximum	76	81	84	87	85	83	85	89	91	88	91	92	88	91	86	88	90	93	87	88	86	89	85	85	92	92	88	89	92	92	....	80.9
	Minimum	65	65	63	66	65	68	66	68	70	67	68	72	70	65	71	69	68	70	68	68	68	65	65	61	64	67	68	68	68	70	...	61.4
Greenville	Maximum	75	77	84	85	83	83	84	86	88	86	88	92	87	89	87	87	90	91	84	85	83	87	82	84	90	91	84	87	89	89	...	85.9
	Minimum	63	65	63	65	65	66	66	66	69	71	68	71	72	65	70	70	70	67	66	68	66	68	64	60	64	66	68	67	69	70	...	66.9
Greenwood	Maximum	76	80	82	83	80	80	82	86	88	85	89	90	88	88	87	83	90	89	85	85	85	85	83	83	88	88	84	85	91	91	...	85.3
	Minimum	65	65	64	65	65	68	65	68	70	69	69	71	68	64	70	69	70	70	70	70	68	67	64	59	65	70	72	67	69	70	...	67.5
Heath Springs	Maximum	79	80	82	82	82	80	87	86	87	86	91	93	91	91	90	88	89	92	90	85	85	86	84	84	85	85	89	86	89	95	....	86.6
	Minimum	65	66	67	68	65	68	65	70	70	70	71	73	67	67	64	63	69	71	68	65	68	68	63	61	61	60	65	70	69	70	...	66.9
Kershaw	Maximum	85	83	88	88	89	88	90	89	92	89	92	95	89	92	90	92	91	95	88	89	88	88	86	88	92	91	90	91	94	96	....	89.9
	Minimum	66	66	67	69	66	69	66	69	69	70	70	73	69	67	67	63	69	71	68	66	67	61	62	60	60	65	70	70	69	70	....	67.1
Landrum	Maximum	75	79	84	86	85	86	87	88	91	86	90	94	88	90	88	90	91	91	80	85	86	86	83	87	91	92	89	87	88	92	....	87.2
	Minimum	60	64	64	61	65	63	62	64	69	68	63	69	69	65	74	65	69	65	66	68	64	65	57	55	55	61	63	65	67	65	....	64.3
Laurens §§§	Maximum	77	81	85	87	84	84	83	87	90	88	90	93	89	90	86	88	90	93	87	86	85	87	83	84	89	90	87	88	92	91	....	87.1
	Minimum	65	66	64	65	65	67	66	71	70	67	69	72	67	68	68	67	67	69	70	70	68	67	65	56	61	64	65	68	69	69	....	66.8
Liberty	Maximum	78	79	86	84	85	82	85	88	90	90	89	94	91	91	91	91	93	94	86	85	83	89	86	87	92	92	89	88	91	93	....	88.0
	Minimum	63	63	61	64	64	69	65	66	67	69	67	64	65	70	70	71	71	66	66	66	67	65	64	58	57	62	67	67	67	68	....	65.6
Little Mountain	Maximum	79	80	83	86	85	86	85	87	89	90	90	95	89	89	89	89	90	93	85	85	84	84	84	85	89	89	88	89	90	92	....	87.2
	Minimum	65	63	72	66	66	70	70	68	69	71	70	73	72	67	68	68	75	70	68	68	68	66	65	62	65	66	65	66	67	68	....	67.9
Monetta	Maximum	86	84	87	86	88	87	88	90	92	91	92	95	92	91	94	93	92	96	90	91	90	91	86	89	93	93	87	89	91	93	...	90.2
	Minimum	66	66	64	66	66	68	68	68	70	68	69	74	72	67	70	68	68	70	70	70	68	66	67	63	65	65	68	66	68	70	...	67.8
Newberry	Maximum	85	83	84	89	85	89	89	92	96	95	95	101	93	95	91	95	95	98	93	93	92	94	91	90	94	93	88	90	97	96	....	92.0
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Santuck	Maximum	84	81	88	90	89	89	92	90	95	92	95	98	92	95	90	93	94	98	90	90	90	91	85	89	93	94	92	93	95	96	...	91.4
	Minimum	66	66	65	64	66	66	66	67	69	69	68	70	62	69	69	63	66	70	69	70	68	66	61	55	60	62	67	65	70	69	....	66.1
Spartanburg	Maximum	79	82	88	89	87	86	88	89	92	90	93	96	92	92	89	90	95	96	86	79	88	88	86	88	92	95	80	91	93	96	....	89.2
	Minimum	64	64	64	65	66	66	64	66	66	68	67	71	66	65	68	65	67	68	67	66	66	66	61	58	60	65	65	66	68	69	....	65.6
Trenton	Maximum	84	83	87	86	86	87	88	88	90	88	90	95	90	91	87	89	90	94	88	89	88	90	86	87	92	92	87	89	91	93	....	88.8
	Minimum	65	67	65	64	64	67	66	69	72	69	70	77	71	67	71	69	69	70	69	78	70	66	68	63	67	66	69	65	69	71	...	68.4
Walhalla	Maximum	75	74	85	86	82	85	85	89	90	89	91	94	91	94	89	89	93	94	94	88	85	89	85	86	93	94	88	89	94	93	....	88.4
	Minimum	63	65	58	61	61	63	64	63	63	64	65	65	62	65	67	67	67	65	66	63	63	63	60	53	58	60	63	64	66	66	...	63.1
Winnsboro §§§	Maximum	83	81	86	87	87	86	87	90	92	91	94	96	89	94	88	91	92	96	90	90	87	90	85	87	92	91	87	91	92	96	....	89.6
	Minimum	66	66	66	69	68	68	68	69	71	69	70	72	67	68	68	65	69	71	70	68	66	65	63	61	64	66	69	67	69	71	....	67 6
Winthrop College	Maximum	84	79	86	86	88	88	89	88	92	89	94	96	92	91	90	94	92	95	86	88	89	90	87	88	95	92	88	92	93	98	....	89.9
	Minimum	65	66	66	67	66	65	66	69	70	69	69	70	66	67	66	68	64	65	70	68	69	65	61	57	63	67	68	68	69	72	....	66.6

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.
§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., JULY, 1922. No. 7.

GENERAL SUMMARY.

Temperatures ranged near normal, with no marked extremes. Precipitation, on the whole, was much above the average, but was badly distributed.

The weather was generally favorable for crop development, though showers occurred practically every day, and corn, sweet potatoes, and minor crops showed material improvement. There was too much rain for tobacco in the eastern counties, but the crop had improved at the end of the month, and curing was progressing satisfactorily. Cereal threshing ended about the middle of the month. Cotton grew rather luxuriantly; the crop had reached about seasonable condition and was fruiting well by the end of the month; the weevil menace was actively combatted throughout the month, but the sappy condition of the plants and continued moist weather were attended by some shedding and were favorable for increased weevil activity, with considerable damage in the eastern, central, and southern counties; the first open boll was found near Bishopville, Lee County, on the 13th. Commercial melon shipments ended about August 1. Apples were in good condition, and peaches and all kinds of vegetables were plentiful.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.07 inches. The highest pressure was 30.27 inches at Wilmington, N. C., and at Columbia and Due West on the 17th; the lowest pressure was 29.79 inches at Charlotte, N. C., on the 3d, and in the Section proper, 29.81 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 79.9°, or 0.1° above normal. The highest temperature was 101° at Newberry on the 2d and 10th and at Paris Island on the 31st. The lowest temperature was 58° at Calhoun Falls and Santuck on the 6th. The warm and cool periods were short and ill-defined.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 85%; noon, 61%; 8 p. m., 78%. The highest percentages occurred in the eastern and extreme northwestern counties, and the lowest, along the lower Piedmont.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 7.20 inches, or 1.22 inches above normal. Rainfall occurred in some part of the State on practically every day of the month. Precipitation was badly distributed in area and amounts, with 7 to over 12 inches in extensive sections of the coastal plain and the upper Savannah drainage basin, and measurements ranged from 5 inches downward below 4 inches in a large part of the Piedmont and in small sections elsewhere. The greatest local monthly amount was 12.58 inches at Society Hill; least local monthly amount, 3.50 inches at Paris Island. The greatest amount during any 24 hours was 3.60 inches at Rimini on the 14th and 15th. The average number of rainy days was 18% above normal.

Deaths by Lightning.—At Van Wyck, William Crawford, colored, 20th; at Cottageville, Fenn Ackerman, a youth, 25th; near Sumter, Mose Washington, colored, 25th; in Holly Springs Section, near Westminster, young son of Mr. and Mrs. John B. Cox, 28th.

Damage by Lightning.—Near Heath Springs, 4th, warehouse and contents, loss about $2,000; at Lone Star, 9th, warehouse and contents, loss about $25,000; east of Columbia, 14th, dwelling burned, loss about $3,000; at Camden, 14th, Hotel Kirkwood damaged about $40,000 by resulting fire; at Elloree, 14th, negro dwelling, loss about $500; near Cope, 14th, 2 dairy cows; Chesterfield, 15th, dwelling damaged and horse and mule killed, loss about $1,000; near Swansea, 10th, barn and contents, loss about $2,000; Walterboro, 25th, 2 dairy cows; near Union, 31st, 4 horses and a mule.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 6.4 miles. The highest average was 10.4 miles per hour at Savannah, Ga., and in the Section proper, 9.0 miles per hour at Charleston; the lowest average was 3.6 miles per hour at Charlotte, N. C., and in the Section proper, 5.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 54 miles per hour from the northeast at Charleston on the 30th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 275.6 hours, or 63% of the possible amount. The average number of clear days was 12; partly cloudy, 13, and cloudy, 6, as against normals of 12, 12, and 7 days, respectively.

RIVER CONDITIONS.

The Santee River was in flood at Rimini on the 8th and 9th and from the 21st to the 30th; and at Ferguson on the 9th and from the 19th to the close of the month. The Black River was in flood on the 24th and 25th. The remaining rivers maintained moderate stages only.

MISCELLANEOUS DATA FOR JULY, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.06	72.8	87	58	4.55	0.96	5.4	nw.	90	63	78	54
Augusta, Ga.	30.06	81.4	98	67	4.97	1.42	4.6	s.	82	61	76	60
Charleston, S. C.	30.08	82.3	97	70	8.02	2.30	9.0	sw.	77	63	80	71
Charlotte, N. C.	30.05	78.8	96	60	5.19	1.37	3.6	sw.	84	59	72	57
Columbia, S. C.	30.07	80.2	96	68	7.39	2.43	5.5	sw.	86	61	78	57
Due West, S. C.	30.08	78.6	95	62	5.28	1.71	6.1	sw.	89	55	....	60
Greenville, S. C.	30.04	77.4	92	61	5.21	1.08	6.4	nw.	85	62	76	67
Savannah, Ga.	30.08	82.0	97	69	5.21	1.52	10.4	sw.	84	61	80	71
Wilmington, N. C.	30.07	79.4	91	67	9.64	2.73	6.5	sw.	84	68	85	67
Means and extremes	30.07	79.2	98	58	6.16	2.73	6.4	sw.	85	61	78	63

Climatological Data for July, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	[a]81.6	−1.7	[a]98	31	[a]67	7	[a]28	7.68	+1.95	2.55	0	14	11	15	5	sw.	R. B. Vance.
Blackville	Barnwell	296	38	81.4	−0.1	100	31	66	7	30	5.41	−0.22	1.75	0	15	16	10	5	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Olin P. Evans.
Charleston	Charleston	48	51	82.3	+0.9	97	30	70	10	23	8.02	+0.76	2.30	0	19	6	20	5	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	79.8	−0.1	96	2	63	7	26	7.47	+1.33	1.76	0	10	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	32	80.8	+1.0	95	† 2	67	7	22	7.54	+0.73	2.20	0	15	15	0	16	sw.	Paul Quattlebaum.
Darlington	Darlington	175	27	79.8	−0.1	95	† 1	64	7	23	6.34	+0.78	1.80	0	12	8	2	21	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	9.31	+3.55	1.35	0	12	....	....	....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	80.9	+1.5	97	†30	65	7	27	11.18	+4.54	2.58	0	....	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	40	81.4	+0.2	99	1	65	7	27	10.19	+4.34	3.18	0	16	17	7	7	sw.	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	8.66	+2.81	2.83	0	9	12	10	9	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	[b]81.7	.....	[b]99	† 1	[b]66	7	[b]29	7.50	.....	1.84	0	18	6	20	5	sw.	Maner B. Robert.
Georgetown	Georgetown	12	29	82.0	+1.5	100	†29	67	6	30	7.90	+0.50	2.00	0	11	21	4	6	sw.	A. P. Hazard.
Kingstree	Williamsburg	54	40	80.6	0.0	96	30	65	7	29	5.67	−0.85	2.00	0	9	26	0	5	sw.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	80.3	.....	97	30	65	7	28	12.19	.....	3.20	0	17	5	23	3	sw.	U. S. Fisheries Station.
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	...	8	6	17	sw.	State A. and M. College.
Paris Island	Beaufort	13	41	83.0	+1.6	101	31	64	6	35	3.56	−2.66	1.70	0	8	7	18	6	sw.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	78.4	+0.4	92	† 2	70	6	.....	10.10	+3.48	2.00	0	18	3	21	7	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	8	.....	.....	.....	.....	.....	.....	.....	11.52	.....	3.60	0	12	..	....	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	79.8	+0.4	98	2	63	8	26	12.58	+6.15	2.85	0	11	20	7	4	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	81.2	+1.5	98	† 2	67	7	27	10.32	+3.66	2.35	0	19	12	13	6	sw.	E. P. Lawton.
Yemassee	Hampton	24	33	80.4	−0.4	98	30	64	6	28	6.84	−0.02	1.50	0	14	18	0	13	sw.	W. C. Hutson.
Division means and	extremes	.....	....	80.9	+0.5	101	31	63	8	30	8.39	+2.07	3.60	0	16	13	11	7	sw.	
Western Portion.																				
Aiken	Aiken	527	60	79.9	−0.2	97	2	65	6	30	8.29	+3.45	2.09	0	10	21	0	10	se.	Frank B. McCoy.
Anderson	Anderson	764	29	78.8	−0.8	95	†29	62	5	21	6.73	+1.69	1.34	0	10	18	4	9	w.	H. H. Russell.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	6.02	+0.68	1.61	0	10	...	...	...	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	23	77.2	.....	99	30	58	6	33	6.19	+0.67	1.17	0	12	16	10	5	s.	L. M. Parker.
Camden	Kershaw	222	72	82.2	+2.2	99	29	69	5	29	6.01	+0.78	1.92	0	13	24	1	6	sw.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	7.95	+1.47	2.25	0	8	..	....	....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	6.85	+1.54	1.56	0	12	..	....	....	.....	George V. Clamp.
Clemson College	Oconee	850	30	77.6	−0.1	94	†29	62	5	26	9.16	+3.89	2.25	0	14	7	20	4	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	80.2	−0.9	96	2	68	5	26	7.39	+1.33	2.43	0	18	3	21	7	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	8	78.6	.....	95	1	62	5	24	5.28	.....	1.71	0	16	3	25	3	sw	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	6.59	.....	1.40	0	4	...	..	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	3.89	−0.81	1.46	0	10	..	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	77.4	+0.3	92	31	61	5	23	5.21	−0.22	1.08	0	15	6	19	6	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	77.6	−2.0	94	† 1	62	6	22	6.76	+1.49	1.42	0	9	18	0	13	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	20	78.4	−1.0	95	1	62	6	26	8.09	+3.20	1.22	0	11	2	19	10	w	J. Marvin Bowers.
Kershaw	Kershaw	500	6	79.5	.....	98	2	63	† 6	27	9.44	.....	2.13	0	13	19	1	11	w.	John W. Hamel.
Landrum	Spartanburg	1063	7	77.6	.....	93	† 1	60	5	28	6.76	.....	1.21	0	11	14	15	2	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	78.4	.....	93	† 1	61	6	23	4.58	.....	1.27	0	8	8	23	0	.....	Perry A. Simpson.
Liberty	Pickens	900	22	79.8	+0.8	93	†29	62	5	26	7.14	+1.38	2.15	0	17	4	25	2	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	78.6	−1.7	95	2	63	† 5	24	4.50	−0.38	0.90	0	13	16	2	13	w.	J. M. Sease, M. D.
Monetta	Saluda	400	15	79.8	+0.3	96	29	65	† 5	27	6.42	+1.02	1.03	0	13	1	25	5	sw.	Joseph M. Johnson.
Newberry	Newberry	502	18	.....	.....	101	† 2	.....	.....	.....	3.98	−1.17	0.60	0	13	7	22	2	sw.	Sue Ella Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	5.20	−0.79	1.22	0	10	....	...	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Hunt.
Santuck	Union	512	29	80.2	−0.5	99	2	58	6	31	4.95	−0.16	1.66	0	13	13	14	4	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	79.2	−0.8	98	† 1	61	6	27	4.84	+0.15	1.79	0	13	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	79.0	−1.2	96	† 1	64	6	27	7.61	+2.13	2.71	0	7	9	15	7	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	[a]77.4	+0.4	[a]96	31	[a]61	7	[a]30	7.09	+0.67	1.70	0	17	8	20	3	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	28	[a]80.0	+0.4	[a]97	1	63	6	[a]26	6.23	+1.32	1.96	0	11	10	15	6	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	79.8	+0.7	98	10	59	5	30	5.61	+0.05	1.06	0	13	18	6	7	s.	R. F. Gooding.
Division means and	extremes	.....	....	79.0	−0.3	101	† 2	58	6	33	6.34	+0.99	2.71	0	12	11	14	6	sw.	
Section means and	extremes	.....	....	79.9	+0.1	101	† 2	58	6	33	7.20	+1.22	3.60	0	13	12	13	6	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡ Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

In Text, River Conditions, Page 5.--Unavoidable losses in Pee Dee District should read $6,750, and value of movable property saved by warnings should read $53,000.

Daily Precipitation for July, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖	Savannah		.85	.15	.25	.10			.30	.40	.35					.45			1.20	2.55		.40				.35					.28	.08	7.68
Blackville ‖	Edisto				.50	.20	.25	.10			.25	.25	.50			.25	.10	.30			1.75	.10	.16								.20	.50	5.41
Bowman	do																																
Charleston ***	Coast		.95	.13	.24	.05		.01	.09	.25	.77				.71		.36	.02	T.	.91	1.49	.51	T.			.12	.03		.45	T.	.92	.01	8.02
Cheraw ‖	Pee Dee			.48		1.48				.32					.57		.43			.28	1.21	.56	1.76							.38		7.47
Conway ‖	Waccamaw	.20			.24	.11				.07	.06			.28	.06	2.20	.11				.30	.97	.11				1.03		1.05		.15	7.54
Darlington ‖	Pee Dee				.18	1.80	.05			.06	.70				.22	.87	.32			.50		.08	.15					1.41				6.34
Effingham ‖	Lynches				.65	1.15	.77			1.15	.57				.10	1.15	T.			.10	1.35	.80	1.17						T.		.35	9.31
Ferguson ‖	Santee	.36	.68	1.07	.06	.84	.02			.41	.15	.27			.03	2.58	.31		1.45	.17	1.06		1.10				.18		.21		.23	11.18
Florence 1 ‖	Pee Dee				.13	1.14	.30			.09	.03	.31			.80	.59	.05			.14	3.18	.78	2.28				.11	.09			.17	10.19
Florence 2 ‖	do					2.25	.50				.15				.86	.52					2.83	.17	1.07					.31				8.66
Garnett	Savannah	.03	.68	.18	.46	.01			.45	.33	1.84	.01			.30		.01	.05	.77	.47	.56	.05					.12				1.18	7.50
Georgetown	Coast			.85	.20	.25				.60						.35				.40	2.00	1.50				.25				.65	.85	7.90
Kingstree ‖	Black					.45	.30				.45					2.00	.53		.25		.28	.58	.83									5.67
Orangeburg 1	Edisto			.07	.21	.67	.01			.25	1.66	.63				2.03	1.36	.14	.12	.05	3.20	.30	.28				.02				1.19	12.19
Orangeburg 2	do																																
Paris Island	Coast				.10	.30	.20				.60	.30						.20		1.70	.10											3.50
Pinopolis	Cooper		1.36	.15	.16	.10			.80	2.09	.23		.10		.10		.10	.60	.10		1.00	.50				1.30		.30		.50	.70	10.10
Rimini ‖	Santee	1.00	.15		.20	1.10					.65	1.00				2.90	.70		.32		1.90	1.00	.60									11.52
Society Hill ‖	Pee Dee					2.46	.24			.09					1.60		.83			1.00	2.85	.75	.03					2.30		.43			12.58
Summerville	Ashley		.32	2.35	.05	.11				.46	1.52	.04	.08		.25	.09	.12	.23	.58	.60	1.71	.29				1.01	.46		.05				10.32
Yemassee ‖	Ashepoo		.20	.32	.92	.50					.70	.06				1.02				.45	.63	1.50	.17				.16	.07				.14	6.84
Western Portion.																																	
Aiken	Edisto				1.63	.15					.27		.21			1.37				.63	2.09						.23			.33		1.38	8.29
Anderson	Savannah			.92	1.34	.37			.10							.85	.23		.15	1.72	.80	.25										6.73
Blairs ‖	Broad					.91				.11			.24							.94	1.22	.08						.19	.08	.64		1.61	6.02
Calhoun Falls ‖	Savannah		.72	.72	.10	.62				.25			T.		.42	.94	1.17			.27	.19				T.	T.			T.	.49		.30	6.19
Camden ‖	Wateree			.15	.06	.85	.10				.12					1.92	.06			1.02	.93	.04	.50					.20				.06	6.01
Catawba ‖	Catawba	1.35				2.25											1.95			.30	1.10	.05	.10							.85			7.95
Chapmells ‖	Saluda			.20	.09	.65					.12		1.56				1.03			.80	.50							.15	.43	.76		.56	6.85
Clemson College	Savannah			.05	1.30	.62			.04			.22	.07	.02		2.20			.37	1.79	.03	.05		.15			2.25					9.16
Columbia ***	Congaree		.03	T.	2.35	.08			.32	.06	.02				.04	.07		.03	.01	.68	.07	.62				.01	1.75		.24		.76	.25	7.39
Due West***	Savannah	.03	.06	.68	.88	.04			.24	.14		.01		.10	T.	1.71		T	.35	.50	.02	T					.05		.04		.43		5.28
Edgefield ‖	Savannah			.40	.35	1.40				.15						.90		.10	.45	.55	1.10	.10	.09					.55				.45	6.59
Gaston Shoals ‖	Broad			.49	.40	1.46				T.	.13				.02	.01	.45	T		.14	.36		.02							.12		.29	3.89
Greenville ***	Saluda	.15	T.	.20	.96	.06			.84	.01		.60		.02	T.	.33	T.		.49	.81	.65				.01					.06	.02		5.21
Greenwood ‖	do			.53	.40	1.42				.12		.32								1.40	.58								30			1.09	6.76
Heath Springs	Wateree	.38	.90		1.00				1.04			.47				1.22		.50	.94	.60	.84					.20							8.09
Kershaw ‖	Lynches			1.27	.27	1.05	.22			.31	.02					.01	.76			.66	1.96	.25	2.13					.53					9.44
Landrum	Broad				.78	.67			.31	.76		.82				.52			1.21	.43	.95						.04			.21		6.70
Laurens ‖	Saluda			.70	1.27				.15							.10			1.21	.26		.69								.80		4.58
Liberty	Savannah	.85	.34	.02	.80	.46			.01	.06		.04	T.	T.	T.	.54	.72		.15	.04	2.15	.80				.04			.10	.02	T.		7.14
Little Mountain	Saluda				.20	.70			.36		T.	.05				.15			.06	.10	.90	.22				.70	.06		.30		.70		4.50
Monetta	Edisto			.99	1.03	.82	.18			.11				.28		.60			.50	.26	1.01	.53								.10		.71	6.42
Newberry	Saluda	.14	.34			.56	.14			.33		T.	.03	T.	T.	T.	.25		T.	.35	.50	.60	.50						.10		.14		3.98
Pelzer ‖	do				T.	.32	1.22				.16	.34		.42		.04	T.	.50			1.10	.80	.30	T.		T.			T.				5.20
Saluda	do																																
Santuck	Broad					.32	.65			.07	.05		.09			.13				.19	.54	.73	1.06					.67	.05			.40		4.95
Spartanburg ‖	do				T	.51	1.79	T.			.20	.30		T.			.36	.03	.30			.53	.08	.15			T.				.08		.23	4.84
Trenton	Edisto	T	T.	.80	2.71				T.		T.	T.				1.70	T.	.28	T.	1.49	T.						T	T.	.42			.21	7.61
Walhalla	Savannah	.02			1.70				.04	.23		1.15			.15		.18	.62		.18	1.46	.32	.06	.18	.12			.82	.30			.06		7.09
Wimsboro ‖	Broad	.12	.31			1.96	.45			.30						.42	.14			.29	1.34	.04	.86										6.23
Winthrop College	Catawba		.28		.24	.30				.01			.01	.85		.86		.06	.10	.83	.19	.82							1.06				5.61

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JULY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	82.0	110	60	7.49	14				
1888	78.9	108	53	3.68	8				sw.
1889	79.5	102	51	7.13	13				sw.
1890	78.4	104	52	6.88	12				sw.
1891	77.9	93	56	5.95					sw.
1892	78.9	102	51	7.44					sw.
1893	82.0	104	60	3.87	9	13	14	4	sw.
1894	77.7	100	55	8.24	16	8	12	11	sw.
1895	79.5	102	54	4.17	8	10	15	6	sw.
1896	80.7	105	51	8.17	13	10	13	8	sw.
1897	80.2	107	54	5.01	11	13	12	6	sw.
1898	80.0	102	54	7.81	14	10	10	11	sw.
1899	80.0	105	47	4.03	9	12	11	8	sw.
1900	81.2	104	55	4.08	9	14	11	6	sw.
1901	81.4	102	62	4.52	10	12	12	7	sw.
1902	80.8	107	58	3.79	9	15	11	5	sw.
1903	80.4	103	45	3.59	8	18	9	4	sw.
1904	79.4	105	50	5.96	12	13	12	6	sw.
1905	80.4	101	60	6.16	12	13	10	8	sw.
1906	78.4	100	56	8.40	16	5	17	9	sw.
1907	81.4	106	56	5.06	11	13	13	5	sw
1908	79.8	100	60	5.43	12	12	12	6	s.
1909	78.6	104	55	4.92	10	13	12	6	sw.
1910	79.4	102	58	5.83	13	9	15	7	sw.
1911	79.8	102	53	3.79	10	12	13	6	sw.
1912	79.6	102	58	5.22	11	14	10	7	sw.
1913	81.9	109	56	4.78	9	15	9	7	sw.
1914	80.0	107	53	5.16	9	14	13	4	sw.
1915	80.9	106	55	3.26	8	18	10	3	sw.
1916	77.8	99	60	14.69	17	5	12	14	sw.
1917	79.9	102	52	6.56	12	14	9	8	sw.
1918	77.5	103	50	5.02	11	15	9	7	sw.
1919	79.3	103	51	8.86	13	13	8	10	s.
1920	78.9	102	53	5.60	11	13	10	8	sw.
1921	79.6	101	60	7.44	14	9	13	9	e.
1922	79.9	101	58	7.20	13	12	13	6	sw.
Period	79.8	110	45	5.98	11	12	12	7	sw.

Daily Temperatures for July, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale§§	Maximum	94	93	96	92	90	85	85	91	95	92	92	91	92	91	95	92	91	89	91	....	85	89	91	90	92	95	93	92	95	96	98	a91.8
	Minimum	70	76	72	71	71	68	67	72	72	70	69	69	72	72	70	70	70	73	71	....	72	70	72	74	74	72	72	72	75	75	70	a71.4
Blackville	Maximum	96	98	99	90	92	80	86	99	95	93	91	94	93	94	95	90	90	90	93	84	79	87	89	92	92	95	94	94	95	96	100	92.1
	Minimum	70	71	72	68	70	67	66	69	70	68	69	68	73	73	69	68	70	70	71	71	71	71	72	76	74	72	75	71	73	73	70	70.7
Bowman	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Charleston	Maximum	92	93	89	88	90	83	85	90	90	89	86	89	90	92	88	85	87	89	85	82	82	90	94	95	91	88	91	90	95	97	94	89.3
	Minimum	79	72	76	75	74	71	74	74	75	70	72	78	77	75	74	74	80	78	72	72	74	76	76	79	75	79	77	77	80	74	75	75.3
Cheraw§§§	Maximum	95	96	93	88	71	84	89	90	91	94	94	92	92	91	88	90	93	92	86	81	87	86	90	88	94	91	91	91	92	93	92	89.8
	Minimum	71	73	71	69	66	65	63	70	71	69	68	71	72	70	69	67	70	69	71	70	71	67	69	72	73	70	72	71	70	70	72	69.7
Conway	Maximum	92	95	92	90	86	84	84	93	95	94	90	89	92	90	82	86	90	91	89	81	82	91	92	92	92	91	92	94	93	93	91	89.9
	Minimum	73	75	73	72	72	68	67	69	70	70	69	72	72	72	68	69	70	73	73	72	71	70	75	75	73	70	73	73	75	76	72	71.7
Darlington§§	Maximum	95	95	93	86	73	82	87	92	90	93	93	91	91	91	85	90	92	90	86	79	81	87	90	89	93	92	90	91	93	89	93	89.1
	Minimum	73	75	73	70	67	66	64	71	69	69	70	72	73	70	69	67	69	71	71	70	70	69	72	73	73	70	72	73	73	72	72	70.6
Ferguson§§	Maximum	94	93	90	87	83	84	90	93	90	92	91	91	90	94	89	90	88	85	91	92	91	90	91	92	93	94	93	94	95	97	97	91.1
	Minimum	73	72	70	70	72	68	65	68	72	68	69	70	70	73	70	72	67	72	72	70	70	73	72	70	73	70	72	72	74	70	72	70.7
Florence 1	Maximum	99	98	98	87	76	84	89	93	92	96	97	95	96	88	87	94	96	94	85	76	82	85	92	91	96	91	91	95	97	93	97	91.3
	Minimum	74	75	74	76	69	67	65	72	70	71	70	70	74	70	69	68	71	73	72	70	71	68	68	74	74	71	75	74	76	74	74	71.6
Garnett	Maximum	99	99	93	89	87	87	93	96	93	96	93	93	94	93	93	92	92	94	84	80	90	91	93	93	97	96	95	97	98	....	....	b92.8
	Minimum	73	71	70	71	72	67	66	69	70	69	68	68	70	72	71	69	71	71	72	73	71	70	71	74	72	71	70	71	74	....	....	b70.6
Georgetown	Maximum	94	95	93	91	90	84	90	93	97	96	92	92	95	90	90	92	94	93	96	80	82	95	94	93	99	93	93	98	100	100	92	92.6
	Minimum	74	73	71	73	72	67	68	69	70	70	68	70	72	74	68	68	70	72	73	69	70	69	74	75	74	70	73	74	75	74	70	71.3
Kingstree	Maximum	95	95	95	89	82	85	88	93	91	90	92	91	92	92	87	82	90	90	87	80	82	88	91	90	86	93	92	93	95	96	93	89.8
	Minimum	74	74	73	71	70	66	65	69	70	70	69	71	72	73	73	68	71	72	72	70	69	69	69	75	75	71	74	73	75	74	72	71.3
Orangeburg 1	Maximum	96	96	93	88	80	82	90	94	93	91	91	91	92	92	90	88	88	90	82	78	81	89	91	88	93	94	92	95	94	97	95	90.1
	Minimum	73	73	72	69	71	67	65	70	70	69	70	69	71	72	68	70	70	71	72	69	71	69	71	72	72	71	72	71	74	72	67	70.4
Paris Island§§§	Maximum	98	96	97	98	99	89	91	93	92	92	91	90	93	95	91	90	91	91	90	90	86	92	94	95	97	94	97	96	100	100	101	93.8
	Minimum	75	74	72	76	71	64	71	74	71	70	69	73	72	75	73	75	74	75	72	70	72	70	76	73	69	70	74	75	73	74	76	72.3
Society Hill§§	Maximum	94	98	93	86	71	83	89	92	92	94	95	92	93	92	85	90	93	91	86	81	84	90	91	90	92	90	91	92	92	91	92	89.8
	Minimum	70	74	73	70	69	67	64	63	69	68	69	69	71	71	66	67	69	72	70	71	71	68	69	74	74	70	70	73	72	72	72	69.9
Summerville	Maximum	97	98	90	88	88	85	91	94	93	93	92	89	93	92	90	87	88	90	86	79	84	91	93	95	95	92	92	94	95	98	97	91.3
	Minimum	74	72	71	71	72	69	67	69	70	69	68	70	70	73	70	68	70	72	72	71	69	73	74	72	72	71	72	75	76	71	71	71.1
Yemassee	Maximum	95	94	90	88	87	86	90	93	92	91	92	92	91	93	90	88	90	90	90	87	79	88	92	92	93	93	92	92	93	96	98	91.1
	Minimum	73	69	69	68	70	64	66	70	70	67	66	67	69	71	69	68	70	70	70	71	70	69	71	73	73	70	69	70	73	75	70	69.7
Western Portion.																																	
Aiken	Maximum	95	97	92	85	77	83	88	89	93	94	91	90	92	92	89	88	90	89	83	82	84	88	89	86	91	92	90	92	95	96	94	89.5
	Minimum	73	73	72	68	67	65	67	71	70	71	69	68	71	71	70	70	71	70	71	70	71	71	70	11	72	72	71	70	73	73	66	70.3
Anderson	Maximum	93	92	89	79	75	80	86	86	89	92	90	89	89	87	87	87	87	87	86	83	84	84	85	88	88	89	88	89	95	95	94	87.6
	Minimum	74	72	70	67	62	70	66	70	74	71	72	69	70	69	68	68	70	70	69	67	68	68	69	70	70	74	72	73	72	72	72	69.9
Calhoun Falls§§§	Maximum	96	94	90	81	77	83	89	90	95	96	95	92	93	90	91	90	91	89	89	86	89	90	92	91	94	95	93	95	98	99	96	91.3
	Minimum	66	66	66	62	59	58	60	60	63	66	65	62	63	63	62	63	64	65	65	63	63	64	63	62	60	61	66	66	65	65	67	63.3
Camden§§	Maximum	96	96	88	86	75	85	91	91	96	95	96	96	86	95	90	96	93	92	84	80	86	94	94	92	95	88	91	89	99	96	94	91 1
	Minimum	68	68	74	74	69	70	70	74	74	76	75	77	78	70	71	75	69	75	73	74	74	71	75	74	74	75	77	69	78	70	78	73.2
Clemson College	Maximum	93	93	91	86	76	80	86	89	89	90	92	88	89	86	87	87	87	86	85	84	86	85	90	85	90	89	86	86	94	94	92	87.8
	Minimum	70	70	70	66	62	65	65	67	67	68	68	67	68	67	69	68	69	69	69	66	68	67	61	66	67	69	65	71	68	69	69	67.4
Columbia	Maximum	93	96	91	84	72	83	87	90	92	92	91	90	92	92	84	87	90	89	84	81	81	89	91	88	92	89	89	92	90	95	94	88.9
	Minimum	75	73	73	70	68	68	68	72	72	72	71	71	74	74	71	71	69	71	72	71	71	71	70	72	73	75	71	73	70	75	69	74	71.5
Due West	Maximum	95	94	91	81	74	80	87	88	90	92	91	90	89	88	85	87	89	88	84	84	85	86	86	89	91	91	89	90	94	95	93	88.4
	Minimum	72	70	69	63	62	63	65	71	68	70	69	68	68	69	66	67	70	70	71	68	69	67	69	68	69	67	69	72	72	72	71	71	68.8
Greenville	Maximum	92	90	89	78	75	80	84	85	85	91	92	87	86	84	85	85	87	86	84	82	83	85	88	86	91	84	86	90	92	92	92	86.3
	Minimum	72	71	70	61	61	64	65	68	68	69	69	67	68	69	67	67	70	69	69	66	68	67	68	67	69	71	73	71	72	69	73	70	68.4
Greenwood	Maximum	94	94	89	82	80	78	80	86	89	90	89	85	86	85	85	86	86	86	85	81	80	81	81	86	87	88	89	86	89	90	92	90	86.1
	Minimum	72	72	70	68	63	62	66	70	69	71	69	69	69	69	70	67	69	71	70	68	69	68	69	69	70	71	72	72	71	72	69	69.2
Heath Springs	Maximum	95	93	91	88	84	80	88	88	89	90	90	89	89	90	86	87	88	88	85	84	82	84	87	83	89	85	84	87	91	90	93	87.6
	Minimum	72	73	71	68	63	62	68	64	69	70	69	69	71	68	67	67	68	71	70	70	68	67	70	70	73	69	70	73	72	70	73	69.2
Kershaw	Maximum	96	98	88	85	70	85	87	90	91	96	93	92	92	91	89	90	91	90	79	85	83	86	89	87	92	92	88	90	94	94	94	89.3
	Minimum	73	74	71	69	65	63	63	70	69	69	70	69	71	69	68	67	69	72	70	71	69	68	70	71	73	70	71	72	72	70	72	69.7
Landrum	Maximum	93	92	93	83	76	80	85	87	87	93	92	88	89	83	86	83	88	86	83	81	85	85	90	87	91	90	92	89	93	92	91	87.6
	Minimum	68	69	71	64	60	65	60	65	66	65	65	64	66	67	69	67	67	69	69	78	65	63	65	71	72	73	69	72	72	70	66	67.5
Laurens§§§	Maximum	93	93	91	82	74	80	85	89	90	91	93	89	91	87	85	89	89	90	84	83	84	86	89	89	93	90	87	93	93	93	92	88.3
	Minimum	73	70	72	69	63	61	63	65	68	67	70	68	70	68	67	68	68	72	71	70	70	67	68	69	70	71	71	71	71	70	70	68.6
Liberty	Maximum	91	90	90	92	78	82	87	88	86	92	92	91	92	89	85	88	88	87	89	85	87	87	88	89	91	88	89	90	93	92	93	91.4
	Minimum	69	70	70	65	62	65	65	69	68	68	70	66	68	68	69	69	69	73	70	66	68	66	67	69	69	71	69	72	67	70	69	68.3
Little Mountain	Maximum	94	95	86	84	70	80	85	90	90	93	91	91	91	90	89	90	91	90	89	80	82	85	90	88	90	91	86	89	92	93	93	88.1
	Minimum	73	73	71	70	63	63	66	70	68	69	69	68	68	69	68	69	69	68	67	67	68	67	69	69	70	70	70	70	81	73	70	69.0
Monetta	Maximum	96	97	91	85	72	84	89	89	93	95	93	90	92	93	88	90	91	89	86	82	83	88	89	89	93	92	92	94	96	98	93	90.0
	Minimum	73	72	70	68	65	65	65	70	69	70	69	68	70	69	69	68	70	70	71	69	70	69	68	70	72	72	70	71	72	71	69	69.5
Newberry	Maximum	98	101	92	88	76	88	92	94	96	101	95	96	98	95	90	93	94	95	86	85	85	90	93	95	95	96	92	95	99	99	100	93.3
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Santuck	Maximum	98	99	95	88	75	86	90	93	95	98	97	92	95	91	93	94	96	94	87	87	86	89	90	90	96	92	91	92	97	96	94	92.1
	Minimum	70	70	74	68	63	58	64	71	67	68	68	66	69	67	69	67	66	68	72	69	69	67	68	71	71	70	70	72	70	68	70	68.4
Spartanburg	Maximum	98	98	94	80	80	83	88	90	90	95	96	90	92	88	84	90	90	90	86	85	87	89	91	90	92	91	89	92	94	94	93	90.0
	Minimum	72	72	72	64	62	61	65	68	68	67	70	68	69	68	69	66	66	71	70	69	67	65	68	70	71	72	70	71	68	71	69	68.4
Trenton	Maximum	96	96	90	81	72	82	86	88	91	91	91	88	90	91	88	87	89	87	83	80	85	86	88	84	91	94	92	92	93	94	92	88.4
	Minimum	70	73	72	69	65	64	66	71	70	72	69	69	70	70	66	66	70	70	69	70	69	69	69	70	70	72	71	71	72	72	67	69.5
Walhalla	Maximum	94	95	94	80	77	80	87	89	90	94	95	87	88	87	87	88	89	86	86	85	86	88	89	...	89	87	90	91	95	95	96	a88.8
	Minimum	67	66	67	63	62	64	61	65	65	67	65	65	70	65	68	66	70	67	69	64	66	66	64	66	...	68	68	68	66	67	67	a66.1
Winnsboro§§	Maximum	97	96	94	89	72	85	88	92	92	94	94	92	92	92	91	94	91	83	85	83	88	90	....	94	91	90	92	96	94	96	a90.7
	Minimum	72	73	71	68	64	63	65	70	70	69	69	68	71	69	68	67	69	69	66	69	69	66	69	72	70	70	73	72	72	69	73	69.3
Winthrop College	Maximum	97	96	95	89	72	86	89	91	94	98	94	93	94	93	82	89	90	90	84	86	85	89	90	92	94	89	89	93	93	96	93	90.5
	Minimum	74	72	73	66	59	63	64	69	68	70	71	68	68	67	69	68	68	71	71	70	68	67	70	71	72	72	71	68	70	71	69	69.0

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.
§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

OBITUARIES.

WARREN GREEN PETERSON.

A rare character passed to his reward with the demise of Mr. Warren Green Peterson, Cooperative Observer of the Weather Bureau at Newberry, S. C., on June 20, 1922, after a useful life of nearly 79 years. It is with more than ordinary sentiment that the older officials of the Weather Bureau witness the passing of observers whose services in the public interest began prior to the transfer of meteorological work from the Signal Service in the summer of 1891.

Mr. Peterson began his observations at Belmont, afterwards Longshore, Newberry County, in February, 1887; in the winter of 1903 he removed with his family to the county seat, where the record was continued to the time of his death, a period covering over 36 years, with but few breaks. Truly a goodly heritage for posterity. This work was done for the work's sake and in the interest of his community and the public at large.

Honored as a soldier of the Confederacy at Gettysburg, The Wilderness and other famous battlefields in the civil strife of two generations ago, and having been wounded five times in line of duty, he limped through his remaining years with a buoyancy of spirit in keeping with a well spent life. It was an honor and pleasure for the writer to know Mr. Peterson personally, and with great regret he records the passing of a soldier, citizen, philosopher and genial gentleman.

As the Herald and News, of Newberry, states: "He was a familiar figure in Newberry County. The people respected him. Among other things, they respected him for his walk in two ways—his walk was upright, and he walked with a limp."

Mr. Gerald C. Merchant, Meteorologist, in charge of Greenville, S. C., born and reared in Newberry County, states: "The writer all his life has known him and ventures the assertion that the Bureau has never had a more faithful, conscientious and devoted observer than Mr. Warren G. Peterson. At all times a man of honor, gallantry and firmness, yet gentle and solicitous of the welfare of others. Public-spirited, he fought for and upheld the interests of his community, his State and his Nation."

MRS. F. V. J. MAXWELL.

Mrs. F. V. J. Maxwell, Cooperative Observer at Saluda, S. C., died on May 29, 1922, in the 65th year of her age. She began observations in March, 1911, and rendered continuous service until about a month before her death. The record succeeded that of Mr. Alvin Etheredge, who had made observations during the preceding 9 years. The Weather Bureau witnesses the passing of old and tried cooperative observers with more than ordinary regret, but is fortunate in the knowledge that such work, well and faithfully performed, will always stand as a monument to public-spiritedness in all generations, and Mrs. Maxwell's services will ever be a memorial in her community and the State at large.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., AUGUST, 1922. No. 8.

GENERAL SUMMARY.

The month was far down in the group of cool Augusts and was the coolest August since 1889. Precipitation was considerably below normal and very irregularly distributed.

All crops made good growth during the first three weeks. There was entirely too much rain in extensive areas of the eastern, central, and southern counties for uniform development, but the weather was generally too dry in the northwestern counties. Corn maintained good condition generally, but sweet potatoes grew rather too luxuriantly for best tuber results; early sweet potatoes were being marketed about the 20th. Cotton was vigorous and fruiting well, but the wet weather and the generally sappy condition of the plants were attended by shedding and boll rotting and were favorable for increased weevil activities, the pest taking the top crop and making serious inroads in good-sized bolls in the intermediate crop; the first bale was ginned at Bamberg on the 9th, and picking was quite general at the end of the month. Tobacco curing was practically finished about the 20th; the quality of leaf was above the average. General lack of rain marked the last 10 days, and large quantities of corn fodder and other forage were harvested. The month closed with fruits and vegetables abundant.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.02 inches. The highest pressure was 30.28 inches at Charlotte, N. C., on the 14th, and in the Section proper, 30.26 inches at Columbia, Due West, and Greenville on the same date; the lowest pressure was 29.77 inches at Greenville on the 3d and at Charlotte, N. C., on the 8th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 38 stations, was 76.4°, or 2.4° below the normal. The highest temperature was 98° at Calhoun Falls on the 2d and at Georgetown on the 7th. There were no marked warm periods. The lowest temperature was 49° at Walhalla on the 28th. There were marked cool periods on the 3-4th, and from the 10th to 13th, 21st to 23d, and 27th to 29th

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 85%; noon, 62%; 8 p. m., 75%. The highest percentages occurred over the coast counties, and the lowest, over the northern interior.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 5.07 inches, or 0.98 inch below the normal. Showers were frequent until about the 21st, followed by a marked dry period; superabundant amounts were recorded in sections of the middle and lower coastal plain, in the northeastern border counties, and in the lower Broad basin, with 7 to over 12 inches; in other sections the measurements ranged much below normal, with less than 1 inch in Pickens and Greenville Counties. The greatest local monthly amount was 12.73 inches at Yemassee; least local monthly amount, 0.89 inch at Liberty. The greatest 24-hour rainfall was 4.60 inches at Blairs on the 15th and 16th. The number of rainy days was 10% above normal.

A small tornado visited the Kennerty Farms, on the Ashley River, about 6 miles from Charleston, at 5:45 p. m., July 30. The short path was about 450 yards wide, and the property damage was estimated at $1,000; there was no loss of life.

Death by Lightning.—Infant son of Mr. and Mrs. Andrew Cox, near Sellers, Marion County, 8th.

Damage by Lightning.—Baptist Church at Ellenton, Aiken County, fired by lightning and destroyed, 9th.

Hailstorms.—A series of severe hailstorms occurred in Anderson, Greenville, Abbeville, Greenwood, Laurens, and Newberry Counties on the 3d, attended by damage estimated at $50,000 to $100,000; the hailstorms were of the size of guinea eggs in some sections, and large numbers of birds and chickens roosting in the trees were killed. Severe hailstorms also occurred near State Park, Richland County, and in northeastern Kershaw County, on the 2d; near Richburg, Chester County, on the 5th, and at Gaffney, Cherokee County, on the 9th.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 6.5 miles. The highest average was 9.3 miles per hour at Charleston; the lowest average was 4.0 miles per hour at Charlotte, N. C., and in the Section proper, 5.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 40 miles per hour from the north at Charleston on the 2d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 239.3 hours, or 58% of the possible amount. The average number of clear days was 12; partly cloudy, 8, and cloudy, 11, as against normals of 12, 11, and 8 days, respectively.

RIVER CONDITIONS.

The Santee River was somewhat above flood stages at Rimini from the 12th to the 14th and from the 17th to the 21st, and at Ferguson, on the 1st and from the 13th to the 25th. Moderate stages prevailed in the remaining rivers, the waters becoming comparatively low at the end of the month.

MISCELLANEOUS DATA FOR AUGUST, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.04	69.0	87	49	1.64	0.86	5.8	nw.	88	58	72	55
Augusta, Ga.	30.01	78.0	98	61	3.97	1.74	4.2	e.	84	63	76	50
Charleston, S. C.	30.01	78.1	95	66	5.18	0.84	9.3	sw.	85	73	83	65
Charlotte, N. C.	30.02	74.9	94	57	2.74	0.84	4.0	ne.	81	56	68	58
Columbia, S. C.	30.02	77.0	95	59	1.76	0.41	5.6	ne	88	57	70	52
Due West, S. C.	30.04	75.9	94	57	2.24	0.75	6.6	ne.	85	60	...	47
Greenville, S. C.	30.00	74.7	93	58	0.95	0.31	7.1	ne.	81	58	68	59
Savannah, Ga.	30.00	78.2	96	66	8.18	4.04	9.1	sw.	89	72	81	58
Wilmington, N. C.	30.02	75.8	90	62	5.42	1.37	6.4	sw.	86	65	83	66
Means and extremes	30.02	75.7	98	49	3.56	4.04	6.5	ne.	85	62	75	58

Climatological Data for August, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	.....	.....	96	† 1	.....	.....	.....	8.60	+2.97	4.00	0	7	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	77.7	−2.8	97	1	57	23	30	5.35	−0.12	1.00	0	12	14	7	10	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Olin P. Evans.
Charleston	Charleston	48	51	78.1	−2.9	95	1	66	28	26	5.18	−1.79	0.84	0	17	7	9	15	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	77.3	−1.3	94	† 1	54	22	35	7.11	+0.51	2.03	0	9	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	77.0	−2.2	94	† 1	56	22	30	8.02	+0.80	2.23	0	12	15	0	16	ne.	Paul Quattlebaum.
Darlington	Darlington	175	27	c76.3	−2.6	b93	†31	c55	22	c30	5.12	−0.21	1.45	0	13	6	13	12	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	5.17	−0.93	1.20	0	11	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	77.5	−0.9	95	1	57	23	32	8.50	+1.66	1.53	0	15	...	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	77.1	- 3.1	96	† 1	56	22	34	3.95	−1.60	0.86	0	13	15	10	6	ne.	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	5.66	+0.11	1.37	0	10	15	2	14	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	79.0	.....	96	1	60	†23	34	9.46	.....	2.30	0	14	12	7	12	e.	Maner B. Robert.
Georgetown	Georgetown	12	29	78.2	−2.2	98	7	58	22	32	3.75	−3.05	1.85	0	5	17	9	5	e.	A. P. Huzard.
Kingstree	Williamsburg	54	40	76.2	−3.3	93	† 1	57	22	28	6.56	+0.26	1.70	0	13	19	0	12	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	77.1	.....	95	1	57	23	32	6.14	.....	0.86	0	11	13	18	0	sw.	U. S. Fisheries Station.
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	5.73	.....	1.22	0	12	17	5	9	se.	State A. and M. College.
Paris Island	Beaufort	13	41	79.0	−2.1	96	1	64	28	28	11.10	+5.16	1.60	0	13	11	9	11	e.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	75.3	−2.5	92	† 1	60	30	.....	3.22	−3.86	0.75	0	12	12	0	19	se.	Miss E. P. Ravenel.
Rimini	Sumter	97	8	.....	.....	.....	.....	.....	.....	.....	6.80	.....	1.70	0	8	.....	.....	..	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	b76.0	−2.5	b92	† 1	a55	22	b30	6.68	+0.98	1.25	0	13	18	5	8	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	77.9	−1.6	96	1	59	22	31	7.02	−0.40	1.70	0	18	12	12	7	sw.	E. P. Lawton.
Yemassee	Hampton	24	33	77.0	−3.0	95	1	59	†23	32	12.73	+6.24	3.23	0	14	14	1	16	ne.	W. C. Hutson.
Division means and extremes		.....	.....	77.3	−2.2	98	7	54	22	34	6.75	+0.45	4.60	0	13	13	7	11	ne.	
Western Portion.																				
Aiken	Aiken	527	60	77.4	−1.4	95	1	61	28	27	5.61	+0.18	1.41	0	11	17	3	14	e.	Frank B. McCoy.
Anderson	Anderson	764	29	77.0	−1.4	95	1	57	28	30	1.13	−4.20	0.65	0	4	12	0	19	w	H. H. Russell.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	11.75	+6.65	4.60	0	11	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	23	75.0	.... .	98	2	51	28	40	1.34	−3.87	0.60	0	7	7	7	17	e.	L. M. Parker.
Camden	Kershaw	222	72	79.6	+0.7	95	2	60	28	25	3.58	−1.88	1.42	0	10	19	11	11	ne.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	1.75	−3.46	0.40	0	8	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	4.26	−0.19	1.29	0	12	.....	.....	.....	.....	George V. Clamp.
Clemson College	Oconee	850	30	74.8	−2.6	93	1	54	31	35	1.61	−3.65	0.68	0	6	18	11	2	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	77.0	−2.5	95	1	59	23	27	1.76	−5.02	0.41	0	9	8	13	10	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	8	75.9	..... .	94	1	57	28	29	2.24	.....	0.75	0	11	6	10	15	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	2.45	.....	0.78	0	6	..	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	6.38	+0.97	2.66	0	9	...	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	74.7	−1.0	93	1	58	28	27	0.95	−4.11	0.31	0	11	9	10	12	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	74.4	−4.0	91	1	55	28	29	4.05	−1.14	1.41	0	9	15	0	16	s.	M. M. Calhoun.
Heath Springs	Lancaster	568	20	74.3	−4.5	93	1	56	22	32	8.60	+3.10	2.60	0	13	6	8	17	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	75.8	.....	96	6	55	†22	33	6.13	.....	1.07	0	12	14	1	16	e.	John W. Hamel.
Landrum	Spartanburg	1063	7	74.6	.....	93	7	50	28	36	1.55	... .	0.84	0	6	14	12	5	w.	R. Hartwell Wilds, D U.S.
Laurens	Laurens	589	4	a74.1	.....	a91	7	a53	28	a31	4.00	... ...	1.18	0	8	4	26	1	.....	Perry A. Simpson.
Liberty	Pickens	900	22	75.6	−2.4	94	7	52	28	35	0.89	−5.62	0.34	0	8	9	17	5	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	75.6	- 3.7	94	1	57	28	29	5.13	−0.05	2.12	0	10	18	1	12	e.	J. M. Sease, M. D.
Monetta	Saluda	400	15	76.6	−2.2	95	2	58	†29	33	3.00	−1.98	0.52	0	11	7	18	6	ne.	Joseph M. Johnson.
Newberry	Newberry	502	18	.....	.....	96	31	....	.....	.. .	6.41	+1.05	1.70	0	11	14	10	7	w.	Sue Ella Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	1.55	−3.28	0.96	0	7	....	....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Hunt.
Santuck	Union	512	29	75.6	−2.9	96	1	54	29	35	8.20	+2.47	3.34	0	11	13	12	6	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	76.4	−1.1	95	7	55	28	31	1.33	−4.26	0.48	0	7	11	1	19	.....	F. P. Robinson.
Trenton	Edgefield	620	29	75.8	−3.7	94	2	59	†23	29	5.40	−0.47	1.65	0	10	14	9	8	se	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	75.2	−1.2	96	1	49	28	40	1.29	−4.98	0.70	0	7	14	11	6	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	28	c76.7	−1.4	c95	† 7	b57	†23	c31	4.21	−1 13	1.03	0	12	7	10	14	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	75.5	−2.9	96	1	55	27	34	1.99	−3.70	0.86	0	9	17	4	10	s.	R. F. Gooding.
Division means and extremes		.....	.....	75.8	−2.5	98	2	49	28	40	3.74	−1.66	4.60	0	9	11	9	11	ne.	
Section means and extremes		.....	.....	76.4	−2.4	98	† 2	49	28	40	5.07	−0.98	4.60	0	11	12	8	11	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

GREENVILLE.—Miscellaneous data, July, 1922, pages 26 and 27, greatest precipitation in 24 hours should be 1.13.

Daily Precipitation for August, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah	...	1.10	.73	.07					.72						4.00	1.30	.68															8.60
Blackville ||||	Edisto	1.00		.50	1.00					.75	.10	.75		.25	.20	.15	.25	.20	.20														5.35
Bowman	do																																
Charleston ***	Coast		.07	.72	.01	.24			.33	.39	.55	.84	.23	.50	.02	.03	.08	.32	.45		T.					T.	.13	.26					5.18
Cheraw |||	Pee Dee	T.		1.25	.61				.80	.20			.38		T.	T.	.40			.71	.61							2.03	.12				7.11
Conway ||||	Waccamaw	.40		.55	.06					1.80	1.20			.16	.16	.30		.86		.16								2.23	.14				8.02
Darlington ||||	Pee Dee			.48	.18					1.45	.05	.23	.28		.41	.22	.27	.10	1.10	.32	.02												5.12
Effingham ||||	Lynches			1.20	T.					1.10	.12	.18	.90		.17	.24	.54	.48	.20	.04	T.								T.				5.17
Ferguson |||	Santee	.63		1.15	.63					.15	.41	.32	.02		1.53	.03	.44	.51	.76	.42	.18							1.32					8.50
Florence 1 ||||	Pee Dee			.80	.16					.70		.16	.24			.35	.12	.04	.86	.36		.05					.07	.04					3.95
Florence 2 ||||	do	T.		.68	.68					1.37		.40	.23	T.	T.	.13	.13	.12	1.12	.80	T.				T.								5.66
Garnett	Savannah		.84	.66	.16				.26	1.23		2.30	.55	.15	.10	.05	.30	1.15	1.62	.09	T.												9.46
Georgetown	Coast			1.85	.40				T.	.85	.25	T.	T.			T.		.40	T	T.	T.						T.	T					3.75
Kingstree |||	Black	.30		1.70	.10					.93	.37		.96		.13	.30	.25	.23	.54	.15									.60				6.56
Orangeburg 1	Edisto			1.98	.05					1.37	.02	.07	.20			.15	.10	.82	.69	.08		.37					.22	.02					6.14
Orangeburg 2	do		1.22	.14					.11		.60	.64		.47	.31	.20	.76	.72	.15		.41												5.73
Paris Island	Coast	1.20		.20	1.00						1.20	1.60	.60	.90	.40			.60	1.10	.20		1.20							.90					11.10
Pinopolis	Cooper		.75	.10					.30	.32				.10	.20	.22	.05	.30	.68							.10	.10						3.22
Rimini |||	Santee			1.55	.15						.83	.97			1.15	.65			1.30	.20													6.80
Society Hill |||	Pee Dee			.60	.25					1.25		.09	.90	.05	.07	.52	.86	.20	.67	.97		.25											6.68
Summerville	Ashley	.06		1.70	.21		.12	.02	.21	.61		.69	.02	.07	.15	.58		.20	1.04		08				.04	1.17	.05						7.02
Yemassee ||||	Ashepoo	3.23		.62	.03					.93	T.	2.10	.40	.23	.05	1.95	.06	1.78	.82		.05						.30	.18					12.73
Western Portion.																																	
Aiken	Edisto	.13	.33	.62	.11					1.41			.09	1.39	.13	.78	.21	.41															5.61
Anderson	Savannah			.20					.65								.23									.05							1.13
Blairs |||	Broad			.40	.13					.70	2.16	.88			.08		4.60	.91	1.20	.12	.57												11.75
Calhoun Falls |||	Savannah									.35	.02				.07		.16	T.	.60	.10						.04							1.34
Camden |||	Wateree			1.42	.15					.06		.50	.06				.22	.16	.31	.62	.08												3.58
Catawba |||	Catawba				.21			.40		.18	.06	.19					.15		.20		.36												1.75
Chappells |||	Saluda			.42	.49					.16	1.29			.15	.21	.22	.53	.40	.16	.19	.04												4.26
Clemson College	Savannah		.10						.58	.06					.07		.68	.12															1.61
Columbia ***	Congaree		.41	.37					.18		.17	.05	T.	.01	T.	.27	T.	.18	T.		.12						T	T.						1.76
Due West***	Savannah		.61	.13					.05	.01	T.	T.		.03	.03	.75	T.	.02	.08	.52						T.	T	.01						2.24
Edgefield ||||	Savannah			.60						.78					.46		.41	.10	.10														2.45
Gaston Shoals ||||	Broad				.07					.07	2.66				.95	1.40		.56	.02							.04	1.51	T.					6.38
Greenville ***	Saluda		.02	.01		.11			.31	.16		T.			.05	.07	.02	.01		.15						.01	T.						0.95
Greenwood ||||	do			.75	.49			.26		.05	1.41				.62		.24		.65	.18													4.05
Heath Springs	Wateree		.32	.93			.10		2.00		2.00			.16	.03	.25	.47	1.48	.03		.69						.14						8.60
Kershaw |||	Lynches			.43	.55					1.07	.03	.62			.20	.16	.87	.62	1.05	.01	.52												6.13
Landrum	Broad								.14							.84	.09	.06	.11	.31													1.55
Laurens ||||	Saluda	.31		1.18					.73		.03				1.01	.67		.05	.02														4.00
Liberty	Savannah		.10	T.					.30					T.	.02	.34	.06	.04	T			T			.01	.62	T						0.89
Little Mountain	Saluda		.21		.70					.10	2.12			.50	.30	.52	.23		.05		.40												5.13
Monetta	Edisto		.03	.51	.04				.52	.34				.07		.40	.49	.37	.02		.21												3.00
Newberry	Saluda			.27	1.59				.70		1.70			.50		.80	.30	.15	.24		.11						.05						6.41
Pelzer ||||	do				.96					.32	.64					T.	.08	.04	.08		.03				T.	T.						1.55
Saluda	do																																
Santuck	Broad			.06	.14				1.04	T.	3.34	.51			T.	.28	.58	.44	.07		1.73			T.	T		T.	.01					8.20
Spartanburg ||||	do			T.	T.					.05	.22		T.			T.	.05	.30	.48	T.							.18	.05				1.33
Trenton	Edisto		.60		.50				.28	.35		.20		1.65	T.	.94	.13	.60	.15							T							5.40
Walhalla	Savannah						.02		.09						.27	.05	.70		.01								.15						1.29
Winnsboro ||||	Broad		.34	.04		.02				.31	.30	.34			.52		1.03	.03	1.02	.07	.19												4.21
Winthrop College	Catawba		.02		.23				.07	.01						.31	.05	.21		86								.23					1.99

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.8	101	49	6.54	11				
1888	77.8	102	50	4.53	10				sw.
1889	74.4	97	45	6.37	12				se.
1890	77.1	96	51	4.25	9				s.
1891	78.9	98	55	8.79					sw.
1892	79.5	96	59	4.42					sw.
1893	77.5	97	57	12.45	13	10	9	12	ne.
1894	77.9	102	55	7.28	11	10	13	8	sw.
1895	79.4	101	55	7.95	13	9	14	8	sw.
1896	80.4	105	52	4.14	7	14	12	5	sw.
1897	78.0	102	57	5.16	9	13	9	9	sw.
1898	78.7	99	57	9.81	18	8	11	12	sw.
1899	81.2	103	59	6.26	10	12	11	8	sw.
1900	83.0	106	60	2.13	5	21	9	1	sw.
1901	78.6	97	57	9.01	15	7	14	10	s.
1902	78.6	104	55	5.07	12	14	10	7	sw.
1903	80.6	105	60	7.15	12	15	9	7	sw.
1904	77.6	102	54	8.47	14	12	9	10	sw.
1905	77.9	107	46	5.69	11	15	8	8	sw.
1906	80.6	100	60	6.62	15	7	17	7	sw.
1907	79.4	101	54	5.41	9	13	13	5	sw
1908	78.6	100	49	9.11	10	12	11	8	s.
1909	78.8	104	53	4.83	8	15	12	4	ne.
1910	79.0	101	60	6.00	10	11	12	8	ne.
1911	80.0	104	51	6.05	12	10	15	6	sw.
1912	79.2	104	54	3.69	9	16	8	7	sw.
1913	78.9	109	56	3.76	9	15	9	7	sw
1914	79.0	101	56	5.88	13	9	15	7	sw.
1915	78.8	102	52	7.62	14	11	11	9	sw.
1916	79.6	100	58	3.27	8	16	10	5	sw.
1917	78.5	102	49	3.23	8	15	10	6	sw.
1918	80.2	106	52	4.45	7	20	7	4	sw.
1919	78.5	103	53	5.08	9	14	11	6	sw.
1920	77.7	100	56	8.08	14	8	12	11	sw.
1921	78.2	102	56	4.14	10	14	10	7	ne.
1922	76.4	98	49	5.07	11	12	8	11	ne.
Period	78.8	109	15	6.05	11	12	11	8	sw.

Daily Temperatures for August, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	96	96	94	88	89	88	90	94	....	90	....	....	....	....	....	....	88	86	78	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	72	70	67	65	65	70	71	73	....	70	....	....	....	....	....	....	68	71	69	....	....	....	....	....	....	....	....	....	....	....	....	....
Blackville	Maximum	97	95	93	90	91	86	89	94	91	92	90	79	85	88	89	81	78	78	83	92	93	86	84	90	91	94	93	88	88	88	93	88.7
	Minimum	70	72	68	63	65	68	70	74	70	71	69	61	63	68	68	71	70	70	71	70	65	60	57	60	65	75	70	59	69	60	65	66.7
Bowman	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Charleston	Maximum	95	90	87	86	85	86	89	88	84	79	85	79	83	83	81	80	80	79	87	87	79	78	82	83	86	87	89	80	83	85	86	84.2
	Minimum	75	70	68	68	75	76	77	74	76	73	73	70	72	74	75	74	72	74	73	75	71	69	67	69	74	74	69	66	70	69	70	72.0
Cheraw §§§	Maximum	94	94	87	88	92	91	93	93	91	81	76	77	87	90	90	90	90	89	92	82	85	87	90	89	89	93	88	88	88	91	92	88.6
	Minimum	69	70	65	62	66	67	69	72	70	70	64	65	68	69	71	71	68	65	69	68	61	54	55	61	69	70	70	60	61	59	68	66.0
Conway	Maximum	94	89	85	88	88	89	93	94	83	79	77	84	82	83	84	80	85	84	88	85	83	86	87	89	90	89	88	83	85	88	90	86.1
	Minimum	70	74	66	65	67	72	72	71	71	70	70	66	70	76	72	70	68	70	71	74	62	56	61	62	69	71	73	66	62	62	63	67.9
Darlington §§§	Maximum	92	92	86	87	90	90	91	91	87	79	73	76	84	86	88	85	....	....	87	83	80	83	87	88	88	90	88	83	84	90	93	[b]86.2
	Minimum	....	70	65	64	65	70	72	75	70	70	65	65	68	70	70	70	68	....	....	69	61	55	57	61	70	73	72	60	60	60	63	[c]66.4
Ferguson §§§	Maximum	95	93	90	88	92	96	88	89	90	89	78	80	87	90	88	90	89	88	90	85	83	86	84	91	88	88	90	83	86	89	91	88.2
	Minimum	70	70	66	63	66	73	72	77	72	71	70	67	70	71	72	77	69	71	69	70	60	58	57	59	60	73	67	66	61	59	51	66.8
Florence 1	Maximum	96	95	87	89	92	91	96	95	86	81	74	75	84	80	82	80	81	78	87	84	77	85	90	90	91	90	88	85	86	88	96	86.4
	Minimum	70	74	66	64	68	74	70	74	71	70	69	66	68	72	71	71	68	69	70	71	64	56	59	64	67	75	70	62	62	62	65	67.8
Garnett	Maximum	96	93	90	92	93	94	95	94	90	91	90	91	85	87	91	92	81	82	89	85	85	85	89	90	95	90	90	87	88	90	94	89.8
	Minimum	70	66	67	66	65	68	72	72	71	70	70	69	70	77	73	69	69	71	72	72	67	61	60	62	70	74	71	62	64	60	62	68.1
Georgetown	Maximum	95	93	87	90	90	90	98	95	82	80	81	94	90	88	84	90	80	81	90	90	82	84	88	90	90	95	98	86	87	90	94	88.8
	Minimum	71	73	65	63	65	69	70	74	72	68	71	66	69	69	74	70	67	69	70	72	62	58	61	64	70	75	73	66	60	60	61	67.6
Kingstree	Maximum	93	90	87	84	89	89	93	93	84	80	79	81	84	84	84	83	83	81	81	82	80	81	85	86	90	92	91	81	82	85	88	85.3
	Minimum	70	67	66	63	67	67	72	72	70	69	68	67	71	71	72	71	67	69	69	73	63	57	60	62	71	75	69	62	60	60	63	67 2
Orangeburg 1	Maximum	95	94	88	88	90	91	94	92	89	80	77	78	83	86	85	85	77	78	89	84	81	80	86	88	93	91	88	82	85	87	90	86.3
	Minimum	71	71	66	63	66	70	73	71	71	71	70	67	69	71	72	69	69	69	70	68	65	58	57	71	67	72	69	69	70	58	61	67.9
Paris Island §§§	Maximum	96	92	90	91	90	91	93	92	85	82	88	82	86	87	89	85	86	85	87	87	83	85	88	90	93	91	90	86	85	90	91	88.3
	Minimum	73	73	67	68	70	72	74	74	74	70	70	68	70	71	73	70	70	69	71	73	68	67	65	67	71	74	68	64	66	67	67	69.8
Society Hill §§§	Maximum	92	91	87	....	91	91	92	89	87	78	74	76	83	87	86	86	78	86	91	....	85	81	87	88	88	92	88	83	87	90	90	[b]86.4
	Minimum	69	70	65	62	63	68	73	73	70	70	65	63	67	69	70	70	67	67	68	68	....	55	56	57	62	70	70	60	57	60	60	[b]65.5
Summerville	Maximum	96	93	88	89	88	91	92	92	86	78	86	82	84	85	82	85	88	78	89	87	84	85	88	90	92	93	89	84	85	88	91	87.4
	Minimum	69	71	73	73	72	69	69	72	73	69	70	67	71	72	72	70	69	71	71	74	66	59	59	61	68	71	70	62	63	61	64	68.4
Yemassee	Maximum	95	92	89	90	92	91	93	92	88	79	80	82	83	88	82	86	80	82	90	85	84	82	88	88	93	85	88	85	86	88	91	87.0
	Minimum	69	70	66	63	64	67	70	71	73	69	68	67	69	71	72	69	69	70	70	71	65	60	59	60	69	73	70	61	64	59	62	67.0
Western Portion.																																	
Aiken	Maximum	95	92	88	88	90	91	92	92	89	86	78	79	81	86	84	84	85	83	88	87	81	80	86	86	90	88	87	84	86	89	92	86.7
	Minimum	70	72	66	63	66	70	72	73	71	70	69	67	68	71	71	71	70	70	71	70	68	62	60	65	69	74	71	61	62	64	65	68.1
Anderson	Maximum	95	93	88	89	90	94	94	86	90	81	75	78	76	85	84	84	84	84	91	90	83	79	85	87	88	94	79	84	86	90	91	86.4
	Minimum	69	72	66	63	71	69	72	69	69	68	67	65	65	69	70	70	72	70	68	70	64	65	67	67	72	70	68	57	60	61	69	67.5
Calhoun Falls §§§	Maximum	97	98	94	96	94	96	96	92	91	81	77	78	78	88	83	88	88	83	90	92	83	85	85	88	92	92	82	86	89	92	95	88.7
	Minimum	64	64	64	56	58	60	65	67	64	61	62	62	62	64	64	64	63	63	65	60	58	59	60	63	64	62	51	53	55	57	61.2
Camden §§§	Maximum	92	95	89	91	90	90	93	96	91	78	77	79	88	88	89	90	84	86	93	91	87	85	89	89	91	91	87	87	89	92	94	88.7
	Minimum	76	[a]76	74	69	72	74	76	76	73	72	65	68	69	71	71	72	74	72	72	71	72	64	64	68	71	75	76	60	61	67	69	70.6
Clemson College	Maximum	93	91	86	86	90	90	92	89	87	77	74	75	79	84	85	83	82	88	90	89	82	80	77	79	80	86	87	89	88	88	89	85.0
	Minimum	64	69	63	60	63	65	61	68	66	69	66	65	66	68	70	68	67	68	66	67	59	65	63	62	68	68	65	63	58	56	54	64.5
Columbia	Maximum	95	91	87	89	90	89	92	91	89	78	72	77	82	86	85	85	81	84	89	85	82	81	85	86	89	89	84	83	85	90	92	85.9
	Minimum	72	66	65	62	68	73	73	72	72	69	66	67	69	72	72	72	71	71	71	71	66	62	59	66	71	75	65	60	60	63	66	68.0
Due West	Maximum	94	92	88	87	90	91	93	89	89	77	75	79	77	85	84	81	83	82	88	88	79	79	82	83	89	89	77	81	86	88	91	85.0
	Minimum	70	67	64	61	68	68	69	72	69	67	66	67	67	69	71	70	70	69	70	70	63	63	65	66	70	72	65	57	59	59	67	66.8
Greenville	Maximum	93	88	86	86	88	90	91	80	87	77	72	78	76	83	82	84	82	83	88	87	78	77	81	81	83	89	76	80	83	86	88	83 3
	Minimum	66	68	64	62	67	68	69	70	66	67	64	64	65	67	69	68	66	67	67	70	63	65	67	67	70	70	66	58	61	60	68	66.1
Greenwood	Maximum	91	90	83	83	83	86	89	86	83	79	73	76	73	81	83	80	80	80	85	83	78	78	80	84	87	87	81	79	80	87	89	82.5
	Minimum	70	73	67	62	67	68	70	70	70	65	67	65	65	68	69	70	70	69	69	70	63	63	61	65	65	72	66	55	58	63	64	66.4
Heath Springs	Maximum	93	91	87	87	87	86	87	85	82	83	86	82	82	83	80	84	82	82	88	84	80	79	83	80	82	86	85	84	84	90	90	84.6
	Minimum	69	70	67	59	66	67	65	64	63	64	63	65	63	66	69	70	65	65	69	67	63	56	57	64	65	69	57	58	58	60	61	64.0
Kershaw	Maximum	91	92	86	88	89	96	92	83	87	81	75	78	83	88	87	87	80	84	89	86	82	83	86	86	87	89	83	83	87	89	92	86.2
	Minimum	69	73	72	66	72	65	66	65	65	64	60	64	67	69	70	70	69	65	69	68	61	55	55	63	69	74	70	56	56	59	64	65.5
Landrum	Maximum	92	89	87	87	89	91	93	85	89	80	73	79	78	83	82	85	85	84	87	86	80	80	82	82	85	90	78	82	86	90	89	84.8
	Minimum	65	69	63	72	61	65	69	70	68	67	61	63	69	64	70	68	62	64	65	69	57	60	64	68	67	69	65	50	54	56	70	64.5
Laurens §§§	Maximum	90	....	85	85	88	89	91	88	86	74	75	78	76	84	84	81	81	84	85	86	79	79	82	84	85	87	75	80	88	87	89	[a]83.3
	Minimum	69	65	....	61	62	67	68	69	62	66	67	66	67	68	69	62	70	68	69	70	63	65	60	62	66	73	66	53	55	56	63	[a]64.9
Liberty	Maximum	92	91	88	88	91	93	94	88	89	80	78	79	77	85	85	84	85	85	88	88	84	78	85	85	84	93	82	84	86	89	88	86.0
	Minimum	75	69	65	61	61	66	67	70	66	68	60	65	65	68	70	68	65	66	66	66	63	66	66	66	69	68	67	52	54	57	65	65.2
Little Mountain	Maximum	94	91	84	86	91	89	91	90	90	76	73	77	80	83	84	82	82	81	82	83	84	85	86	80	81	86	88	90	84.5
	Minimum	74	67	66	68	69	68	71	70	69	65	64	64	66	68	68	69	68	67	69	64	65	60	63	64	68	73	67	57	60	65	68	66 6
Monetta	Maximum	93	95	86	89	94	93	92	90	89	84	73	78	81	86	85	85	83	83	89	86	82	83	87	87	90	89	84	81	86	90	92	86.7
	Minimum	70	69	66	61	65	68	71	71	71	68	66	66	67	70	70	70	69	69	70	66	66	58	58	63	68	73	69	59	58	62	62	66.4
Newberry	Maximum	90	88	90	90	95	95	87	96	92	82	71	80	83	88	90	85	84	86	82	90	88	86	88	82	90	94	81	86	88	93	90	87.6
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Salnda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Santuck	Maximum	96	92	88	89	93	93	94	92	90	77	74	80	78	86	86	85	84	85	89	87	81	80	85	86	88	89	80	82	88	89	92	86.4
	Minimum	67	69	65	61	63	65	67	69	69	65	65	65	67	69	70	69	69	67	70	68	62	57	59	62	72	73	58	55	54	56	63	64.8
Spartanburg	Maximum	94	90	88	89	92	93	95	92	92	86	74	83	81	88	84	88	88	86	89	90	84	82	86	87	87	91	83	83	87	91	90	87.5
	Minimum	65	69	62	60	65	66	69	73	66	65	65	64	66	69	70	69	66	66	67	68	60	60	62	66	70	71	68	55	57	58	66	65.3
Trenton	Maximum	92	94	84	86	90	90	91	91	86	81	81	77	80	83	81	83	80	85	86	84	79	79	83	86	87	85	78	81	85	87	90	84.7
	Minimum	70	67	67	61	65	65	71	72	70	67	66	67	67	67	70	70	69	69	69	67	66	61	59	66	70	72	69	59	60	64	76	67.0
Walhalla	Maximum	96	92	90	92	92	95	95	95	93	82	77	80	78	85	85	83	86	85	89	93	92	78	87	85	85	94	85	87	89	92	92	88.0
	Minimum	62	66	58	57	61	62	62	68	63	65	66	65	63	68	68	65	64	65	63	63	59	65	64	64	65	66	63	46	59	54	62	62.5
Winnsboro §§§	Maximum	....	....	88	89	93	92	95	94	89	77	73	79	90	86	....	87	84	87	89	85	83	86	86	89	89	92	87	87	90	93	95	[b]87.2
	Minimum	69	....	....	....	61	62	69	72	74	69	69	65	65	67	70	70	70	70	67	69	68	63	58	57	70	71	69	57	59	60	64	[b]66.9
Winthrop College	Maximum	96	94	89	90	90	92	94	86	90	80	80	85	88	90	88	88	89	90	91	86	88	83	84	85	86	89	80	85	87	75	71	86.5
	Minimum	70	68	61	60	66	68	71	72	66	68	63	65	66	60	70	68	69	65	68	61	64	57	60	64	66	72	55	60	57	60	60	64.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs

UNIVERSITY OF ILLINOIS
NOV 15 1922

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., SEPTEMBER, 1922. No. 9.

GENERAL SUMMARY.

The month was marked by drought, with abundant sunshine. Although intermittent showers occurred during the first half of the month, and local rains fell generally on one day during the last half, the amounts, on the whole, were light, and heavy rains were confined to small sections. Temperatures averaged above normal, with no marked extremes.

On account of the generally deficient rainfall, there was general deterioration in all crops. Late corn was practically beyond recovery, and field truck, gardens, and pastures were parched. Sweet potatoes did not meet expectations. The weather was especially favorable for harvesting and curing large quantities of corn fodder, peavines, and other forage. Drought materially reduced the production of sorghum molasses. Cotton also showed the effects of drought; the crop opened rapidly and, in some sections, prematurely; picking was well advanced, and all gins were rushed. The weevil had about taken its toll for the season in the destruction of the top crop and puncturing many intermediate bolls; the crop has exceeded expectations in the Piedmont. The month closed with apples plentiful on the market, but good vegetables were becoming scarce.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.08 inches. The highest pressure was 30.36 inches at Charlotte, N. C., on the 26th, and in the Section proper, 30.33 inches at Due West on the same date; the lowest pressure was 29.83 inches at Charlotte, N. C., on the 11th and at Wilmington, N. C., on the 21st, and in the Section proper, 29.86 inches at Charleston on the 21st and at Greenville on the 11th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 37 stations, was 75.2°, or 1.0° above the normal. The highest temperature was 100° at Calhoun Falls and Walhalla on the 4th and at Blackville on the 5th. The lowest temperature was 47° at Calhoun Falls on the 23d. The daily mean temperatures ranged from normal to 8° above until about the 16th, and there were no marked cool periods, except about the 23d and 24th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 56%; 8 p. m., 70%. The highest percentages occurred along the coast, and the lowest, over the northern counties.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 1.15 inches, or 2.70 inches below the normal and but 0.03 inch above the average of the great dry September of 1887. The rainfall was fairly well distributed as to time up to about the 16th, but the amounts were greatly deficient, and the latter part of the month was marked by general drought, with showers only in widely scattered sections. The total monthly amounts approached the normal only in the northern coast counties, where the measurements were above 3 inches, while in extensive areas of the Piedmont and upper coastal plain the monthly totals were less than one-half inch, with no rainfall near the Calhoun-Sumter County line. The greatest local monthly amount was 3.68 inches at Georgetown; least local monthly amount, 0.00 inch at Rimini. The greatest 24-hour rainfall at any station was 1.72 inches at Summerville on the 5th. The number of rainy days was 57% below normal.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.1 miles. The highest average was 12.0 miles per hour at Charleston; the lowest average was 4.2 miles per hour at Charlotte, N. C., and in the Section proper, 5.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 38 miles per hour from the northeast at Charleston on the 19th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 266.6 hours, or 72% of the possible amount. The average number of clear days was 18; partly cloudy, 8, and cloudy, 4, as against normals of 15, 9, and 6 days, respectively.

RIVER CONDITIONS.

On account of prolonged dry weather, all rivers of the Section were unusually low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Solar: Due West, 16, 28; Greenville, 16, 22; Liberty, 11.

Fog, dense.—Columbia, 11; Greenville, 12; Kingstree, 7.

ERRATA.

CAMDEN.—Clear, partly cloudy and cloudy days, August, 1922, page 32, should read 20, 1, and 10, respectively.

PARIS ISLAND.—Precipitation departure, June, 1922, page 22, should read —2.60.

MISCELLANEOUS DATA FOR SEPTEMBER, 1922.

Stations	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.12	67.8	87	47	1.19	0.98	4.9	se.	88	49	66	70
Augusta, Ga.....	30.07	77.1	98	58	1.47	1.08	4.8	ne.	81	54	70	84
Charleston, S. C...	30.05	76.8	90	62	1.13	0.58	12.0	ne.	84	70	82	74
Charlotte, N. C ...	30.10	73.5	94	54	1.23	0.72	4.2	ne.	80	47	58	75
Columbia, S. C....	30.08	76.2	96	57	2.19	1.45	5.9	ne.	81	46	63	69
Due West, S. C....	30.11	74.7	95	57	0.33	0.22	7.3	ne	79	49	...	68
Greenville, S. C...	30.08	73.8	92	54	0.72	0.24	7.0	ne.	76	50	59	76
Savannah, Ga.....	30.04	76.4	97	61	7.16	4.28	10.5	ne.	87	66	79	61
Wilmington, N. C.	30.07	73.6	90	58	7.48	4.02	7.7	ne.	86	64	81	70
Means and extremes	30.08	74.4	98	47	2.54	4.28	7.1	ne.	82	56	70	72

Climatological Data for September, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	77.0	+1.4	100	5	54	29	32	1.00	−3.18	1.00	0	1	20	4	6	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Olin P. Evans.
Charleston	Charleston	48	51	76.8	+0.2	90	3	62	24	19	1.13	−4.33	0.58	0	10	9	12	9	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	76.2	+3.1	96	2	54	29	35	0.80	−2.77	0.35	0	3	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	75.2	+1.0	93	11	57	†24	30	2.28	−2.51	0.52	0	9	17	0	13	ne.	Paul Quattlebaum.
Darlington	Darlington	175	27	[g]76.4	+2.4	[g]94	1	[c]54	29	[g]32	1.55	−2.39	0.72	0	5	24	4	2	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	0.70	−3.31	0.70	0	1	.....	.....	.....	.....	Wm. R. Gillespie.
Ferguson	Orangeburg	63	36	75.2	+1.2	93	† 1	50	24	36	1.02	−2.78	0.41	0	5	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	76.0	+1.4	97	1	57	24	27	0.61	−3.48	0.29	0	5	19	10	1	ne.	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	0.47	−3.62	0.47	0	1	18	8	4	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	[c]77.7	.....	[c]99	4	[c]52	24	[c]41	1.37	.....	0.64	0	9	13	10	7	e.	Mamer B. Robert.
Georgetown	Georgetown	12	29	75.8	−0.1	98	2	52	24	34	3.68	−0.48	1.44	0	5	23	5	2	e.	A. P. Hazard.
Kingstree	Williamsburg	54	40	74.8	+0.5	91	3	52	24	35	1.35	−2.75	0.84	0	4	23	0	7	se.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	75.5	.....	94	† 3	52	24	41	0.40	.....	0.15	0	4	13	15	2	e.	U. S. Fisheries Station.
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State A. and M. College.
Paris Island	Beaufort	13	41	70.0	+4.8	94	5	56	25	30	0.90	−3.99	0.50	0	3	12	9	9	e.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	73.9	0.0	90	4	54	24	.....	0.75	−3.83	0.25	0	5	18	7	5	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	8	.....	.....	.....	.....	.....	.....	.....	0.00	.....	0.00	0	0	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	74.8	+1.7	93	1	55	30	33	1.60	−2.38	1.05	0	3	29	0	1	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	76.3	+1.6	96	4	51	24	36	3.23	−1.11	1.72	0	9	19	5	6	w	E. P. Lawton.
Wedgefield	Sumter	249	32	.....	.....	98	3	.....	.....	.....	0.62	−2.85	0.62	0	1	24	5	1	ne.	W. Hampton Ramsey.
Yemassee	Hampton	24	33	76.1	+0.8	96	4	50	24	39	2.16	−1.88	0.85	0	8	12	2	16	ne.	W. C. Hutson.
Division means and	extremes	.....	.....	75.9	+1.5	100	5	50	24	41	1.28	−2.83	1.72	0	5	18	6	6	ne.	
Western Portion.																				
Aiken	Aiken	527	60	76.6	+2.4	98	4	57	24	34	1.28	−2.10	0.80	0	3	24	0	6	ne.	Frank B. McCoy.
Anderson	Anderson	764	29	75.8	+2.1	96	2	56	23	35	2.15	−0.84	1.83	0	5	23	1	6	e.	H. H. Russell.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	0.06	−2.74	0.04	0	2	..	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	23	73.5	.....	100	4	47	23	42	1.32	−2.58	0.86	0	3	20	6	4	e.	L. M. Parker.
Camden	Kershaw	222	72	.....	.....	96	† 2	....	.....	.....	1.05	−2.61	0.72	0	2	26	0	4	ne.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	1.40	−2.03	1.10	0	2	....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	0.53	−2.61	0.28	0	2	....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	30	73.2	+1.0	94	3	50	23	38	1.85	−2.11	1.22	0	3	21	5	4	e.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	76.2	+2.5	96	4	57	21	33	2.19	−1.26	1.62	0	6	13	15	2	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	8	74.7	.....	95	4	57	27	32	0.33	.....	0.22	0	4	12	14	4	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	2.21	.....	1.10	0	5	..	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	0.80	−2.37	0.48	0	2	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	73.8	+2.9	92	2	54	23	30	0.72	−3.07	0.24	0	5	18	9	3	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	73.5	+0.4	91	4	54	23	31	1.96	−1.70	1.12	0	4	20	0	10	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	20	74.1	+1.0	91	† 1	55	21	34	0.27	−2.72	0.20	0	2	16	12	2	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	75.1	.....	95	1	55	21	34	0.10	.....	0.09	0	2	23	1	6	e.	John W. Hamel.
Landrum	Spartanburg	1063	7	73.5	.....	95	2	51	27	36	0.90	.....	0.45	0	3	23	6	1	e.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	72.6	.....	93	4	49	23	37	0.10	.....	0.10	0	1	7	23	0	.....	Perry A. Simpson.
Liberty	Pickens	900	22	73.5	+1.0	95	3	50	23	38	1.36	−2.65	1.10	0	3	20	7	3	ne.	John T. Boggs.
Little Mountain	Newberry	711	29	76.0	+1.3	95	4	55	21	30	0.08	−2.76	0.05	0	2	21	4	5	se.	J. M. Sease, M. D.
Monetta	Saluda	400	15	[a]76.4	+2.2	[a]97	4	56	24	[a]37	0.74	−2.44	0.30	0	5	12	16	2	ne.	Joseph M. Johnson.
Newberry	Newberry	502	18	.....	.....	[c]94	† 8	.....	.....	.....	0.31	−2.56	0.20	0	2	28	1	1	e.	Sue Ella Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	1.18	−2.26	0.50	0	6	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Hunt.
Santuck	Union	512	29	74.6	+1.4	95	24	50	23	41	0.64	−2.62	0.38	0	3	17	10	3	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	74.5	+2.5	97	2	52	28	37	1.77	−1.51	1.22	0	5	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	75.8	+0.8	95	4	55	22	33	1.20	−1.98	0.67	0	3	21	6	3	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	74.0	+3.2	100	4	49	23	40	0.56	−4.51	0.20	0	4	22	6	2	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	28	75.6	+2.4	96	2	55	21	33	2.28	−1.06	1.55	0	3	18	8	4	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	74.6	+2.0	95	† 2	53	30	32	1.57	−1.45	1.21	0	2	24	5	1	n.	R. F. Gooding.
Division means and	extremes	.....	....	74.7	+1.5	100	4	47	23	42	1.07	−2.33	1.55	0	3	18	8	4	ne.	
Section means and	extremes	.....	....	75.2	+1.0	100	† 4	47	23	42	1.15	−2.70	1.72	0	3	18	8	4	ne	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for September, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah						1.00																										1.00
Blackville |||	Edisto					1.00																											1.00
Bowman	do																																
Charleston ***	Coast				.54	.07		T.	T				.01	.04	.05	T.		.15	.01				.01							.02	.23		1.13
Cheraw ||||	Pee Dee			.22		T.	T.						.35					.23														0.80
Conway ||||	Waccamaw			.40		.11	.52						.37		.48			.21	.08				.06	.05									2.28
Darlington ||||	Pee Dee			.08	.25		.72						.40	.10																			1.55
Effingham |||	Lynches											T.	.70																				0.70
Ferguson |||	Santee						.20	T.	.41		.23				.09								.09										1.02
Florence 1 |||	Pee Dee			.10	.16		.04						.29										.02										0.61
Florence 2 |||	do												.47																				0.47
Garnett	Savannah					.21	.02	.03	.03	T.	T.		.64	.10	.22	.02	.10	T.					T.							T.			1.37
Georgetown	Coast			1.44	.61					.25									1.03				.35										3.68
Kingstree ||||	Black					.27							.15		.84								.09										1.35
Orangeburg 1	Edisto							.15										.14					.09	.02									0.40
Orangeburg 2	do																																
Paris Island	Coast						.50						.20				.20																0.90
Pinopolis	Cooper					.10				.10		.10		.20									.25										0.75
Rimini ||||	Santee																																0.00
Society Hill ||||	Pee Dee			.15			.40						1.05																				1.60
Summerville	Ashley					1.72				.05	.05		.24		.03	.60		.15					.25	.14									3.23
Wedgefield	Wateree											.62																					0.62
Wemassee ||||	Ashepoo						.85	.04	.41	.20	.25				.08	.06	.27																2.16
Western Portion.																																	
Aiken	Edisto									.80					.37								.11										1.28
Anderson	Savannah		.10	.60								.83				.26							.36										2.15
Blairs |||	Broad														.04		.02						T										0.06
Calhoun Falls ||||	Savannah					.86							.40										.06										1.32
Camden ||||	Wateree						.72						.33																				1.05
Catawba |||	Catawba					.30																					1.10						1.40
Chappells ||||	Saluda										.25						.28																0.53
Chester	Broad																																
Clemson College	Savannah	.31										1.22															.09						1.85
Columbia ***	Congaree			T	1.45	.17				T.	.38	.08	T.	.08	T.								.32										2.19
Due West***	Savannah			T		T				.08	.01	.22			T.	T.						T.	.02										0.33
Edgefield ||||	Savannah					1.10	.13				.25		.28				.45																2.21
Easton Shoals |||	Broad					.48						T				T.																	0.80
Greenville ***	Saluda			.24	.18						.10				.02				.18								.32						0.72
Greenwood ||||	do					.65				.15		.04				1.12																	1.96
Heath Springs	Wateree					.07						.20																						0.27
Kershaw |||	Lynches						.09						.01																					0.10
Landrum	Broad				.38							.07			.45																			0.90
Laurens |||	Saluda				.10							T.			T.		T.	T															0.10
Liberty	Savannah			.01	T.					T.	.25			T.	T.								1.10										1.36
Little Mountain	Saluda														.05								.03										0.08
Lonetta	Edisto					.09				.04		.30			.29		.02						T.										0.74
Newberry	Saluda					T.				.11						.20																		0.31
Pelzer ||||	do				.20	.12					T.		.50			.18	.06						.12										1.18
Saluda	do																																
Santuck	Broad					T.	.15				.11	T.		T.		T.						T.					.38						0.64
Spartanburg ||||	do				.15	.03											.35						.02				1.22					1.77
Trenton	Edisto						.67	T.		.40		.13			T.	T.							T.										1.20
Walhalla	Savannah				.07						.09	.20											.20										0.56
Winnsboro ||||	Broad					1.55							.72		.01																		2.28
Winthrop College	Catawba										.36																1.21						1.57

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.2	101	34	1.12	4				e.
1888	69.6	93	31	9.86	13				ne.*
1889	72.1	98	40	3.34	5				se.
1890	72.9	98	49	7.84	16				ne.
1891	74.3	92	50	2.66					ne
1892	72.5	93	40	6.41					ne.
1893	74.7	98	46	4.42	7	14	7	9	sw.
1894	75.0	100	52	6.51	12	12	10	8	ne.
1895	76.9	106	35	1.29	4	17	8	5	ne.
1896	75.0	105	39	2.94	5	17	8	5	ne.
1897	73.3	100	42	2.91	4	17	7	6	ne.
1898	76.0	96	48	4.06	7	12	10	8	ne.
1899	72.8	102	34	2.55	6	17	8	5	ne.
1900	77.1	100	45	2.83	5	19	8	3	ne.
1901	73.1	98	46	4.66	6	15	8	7	ne.
1902	72.1	98	43	3.74	8	13	9	8	ne.
1903	72.7	100	41	3.62	5	17	7	6	ne.
1904	75.8	101	44	2.46	4	19	7	4	ne.
1905	76.2	98	49	1.91	4	16	8	6	ne.
1906	78.0	98	55	4.85	9	10	12	8	ne
1907	76.0	99	45	5.91	9	13	11	6	w.
1908	72.4	94	40	2.86	4	15	9	6	ne.
1909	72.0	98	39	3.74	7	13	9	8	ne.
1910	75.8	103	46	3.10	7	15	12	3	ne.
1911	78.9	100	50	3.33	8	13	13	4	sw.
1912	77.7	109	47	5.91	11	10	7	13	e.
1913	71.7	99	40	4.66	9	14	7	9	ne.
1914	71.3	101	43	3.63	7	14	9	7	ne.
1915	75.9	102	43	2.38	5	16	8	6	ne.
1916	72.2	99	35	2.56	7	17	8	5	ne.
1917	71.2	98	40	5.75	10	12	8	10	ne.
1918	69.8	96	36	3.87	7	18	5	7	ne.
1919	74.1	99	45	0.97	2	22	6	2	ne.
1920	75.5	100	46	5.42	7	16	8	6	ne.
1921	80.0	104	57	3.42	6	19	8	3	sw.
1922	75.2	100	47	1.15	3	18	8	4	ne.
Period	74.2	109	31	3.85	7	15	9	6	ne.

*Also e. and s.

Daily Temperatures for September, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	89.6
Blackville	Maximum	95	93	98	96	100	95	92	93	93	91	90	90	94	92	91	92	91	90	76	85	84	90	76	89	90	83	86	88	86	78	....	64.3
	Minimum	66	68	71	70	71	70	70	65	65	66	67	68	67	67	69	68	67	63	64	61	57	63	60	58	60	62	59	57	54	60	....	
Bowman	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Charleston	Maximum	85	89	90	90	89	85	85	84	84	86	87	88	85	84	85	85	79	80	81	82	82	72	81	81	86	77	79	78	77	79	....	83.2
	Minimum	72	74	75	76	75	74	76	73	76	75	74	73	74	75	75	75	70	68	66	67	64	63	63	62	69	67	64	67	67	67	....	70.5
Cheraw §§	Maximum	93	96	93	93	91	94	95	92	91	95	90	88	91	91	94	93	83	86	82	86	84	82	80	92	82	78	82	90	87	89	....	88.8
	Minimum	63	66	71	70	71	69	68	64	63	68	69	71	63	69	67	65	67	57	59	60	58	63	59	57	59	61	59	56	54	58	....	63.5
Conway	Maximum	91	92	89	90	91	90	87	87	88	89	93	89	84	86	90	90	77	80	80	80	79	78	82	86	87	75	81	80	78	83	....	85.1
	Minimum	65	68	72	72	71	71	71	66	68	70	68	69	69	69	69	69	68	68	61	61	64	63	62	60	57	60	62	59	58	57	60	65.3
Darlington §§	Maximum	94	92	92	90	91	90	92	90	91	91	89	89	....	90	91	92	78	80	84	....	....	....	....	....	....	79	83	86	80	85	....	a87.8
	Minimum	65	67	72	72	71	69	68	65	65	68	69	67	65	70	65	67	70	60	65	60	....	....	....	....	....	60	58	57	54	58	....	a65.1
Ferguson §§	Maximum	93	93	93	92	93	89	90	88	87	89	90	89	90	89	88	89	76	80	83	83	83	71	84	86	90	83	84	84	81	81	....	86.4
	Minimum	64	65	70	71	69	70	69	61	70	65	67	66	67	67	69	67	66	62	61	62	57	62	60	50	54	63	59	60	62	63	....	63.9
Florence I	Maximum	97	96	94	90	90	89	87	88	94	95	90	89	90	88	90	85	76	81	86	74	79	74	80	83	84	81	86	89	80	88	....	86.4
	Minimum	67	69	73	73	73	72	71	68	69	71	70	68	68	68	69	70	71	62	60	59	58	62	59	57	62	63	60	59	57	59	....	e65.6
Garnett	Maximum	95	94	96	99	94	92	89	90	91	91	93	91	90	87	91	89	82	....	....	....	....	....	....	....	....	86	76	85	90	93	82	e89.1
	Minimum	65	67	70	71	71	70	73	67	69	67	66	70	68	69	70	70	71	....	....	....	....	....	....	....	....	66	62	60	52	60	64	e66.3
Georgetown	Maximum	95	98	91	92	90	90	88	90	90	90	92	95	90	90	90	92	85	83	80	84	84	85	85	85	86	76	82	80	80	83	....	87.4
	Minimum	63	66	70	71	70	71	69	65	65	68	67	69	69	69	70	68	68	61	61	63	60	60	57	52	60	59	57	58	59	60	....	64.2
Kingstree	Maximum	90	90	91	90	90	89	89	88	90	90	89	88	88	86	88	89	78	72	82	80	80	74	82	84	87	77	81	82	78	83	....	84.8
	Minimum	65	66	73	72	71	69	69	65	69	67	67	67	69	70	69	69	69	62	61	62	59	61	61	52	60	63	59	60	58	60	....	64.8
Orangeburg 1	Maximum	92	93	94	94	92	88	89	87	88	89	90	90	88	88	90	90	80	80	84	83	85	76	83	90	93	79	83	85	81	86	....	87.0
	Minimum	62	66	66	72	71	69	70	63	68	65	67	67	65	68	68	68	71	63	60	61	55	61	61	52	55	66	61	60	57	62	....	64.0
Paris Island §§	Maximum	90	92	93	93	94	89	88	89	90	90	91	88	90	87	88	89	79	82	84	83	84	74	85	84	89	79	81	82	84	84	....	86.5
	Minimum	68	70	72	74	72	70	74	71	70	71	71	69	70	74	71	73	74	66	65	64	61	62	61	57	56	64	63	65	64	65	....	67.6
Society Hill §§	Maximum	93	94	91	91	91	89	91	89	89	92	89	90	89	89	90	91	78	80	83	82	81	80	84	91	84	77	82	85	82	84	....	86.7
	Minimum	60	66	69	73	71	70	68	64	64	65	68	67	64	65	68	67	67	58	58	59	57	57	58	56	58	59	60	57	56	55	....	62.8
Summerville	Maximum	92	93	93	96	91	92	91	90	89	90	91	89	89	88	88	89	78	80	87	83	84	69	81	85	87	79	82	84	79	85	....	86.5
	Minimum	64	65	71	73	71	74	73	68	71	69	67	68	69	70	71	69	71	64	63	64	57	60	63	51	61	66	62	62	62	63	....	66.1
Wedgefield	Maximum	95	96	98	96	95	94	94	92	94	94	90	94	92	92	94	96	88	84	90	89	89	78	92	90	95	84	86	89	89	87	....	91.2
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Yemassee	Maximum	91	92	95	96	93	90	89	89	88	90	92	90	90	89	90	89	81	82	84	84	86	78	85	87	89	82	83	85	80	86	....	87.5
	Minimum	64	64	69	71	72	69	72	65	69	66	67	70	67	69	69	70	72	64	62	62	55	57	58	50	56	64	61	61	62	63	....	64.7
Western Portion.																																	
Aiken	Maximum	93	92	94	98	93	90	90	90	90	87	87	87	89	87	89	90	83	79	84	83	83	81	84	89	91	86	83	85	83	84	....	87.5
	Minimum	69	70	71	73	71	71	70	67	69	66	67	68	70	70	71	71	68	62	61	61	58	62	60	57	62	64	61	61	60	63	....	65.6
Anderson	Maximum	94	96	95	95	89	90	92	93	88	89	78	85	86	89	88	88	80	78	78	79	83	78	86	91	90	78	80	83	81	81	....	86.0
	Minimum	69	69	72	70	70	72	70	75	73	69	68	65	63	69	69	66	68	61	59	60	60	67	56	60	62	61	62	61	61	59	....	65.5
Calhoun Falls §§	Maximum	95	96	98	100	93	93	94	92	92	91	90	85	88	89	94	93	91	80	82	86	86	77	86	91	92	75	85	87	84	83	....	88.9
	Minimum	61	62	65	65	64	65	63	63	63	63	62	59	57	60	61	60	60	58	54	53	53	56	47	49	53	55	54	53	52	53	....	58.1
Camden §§§	Maximum	94	96	96	94	96	91	94	93	96	94	94	92	90	93	94	89	85	83	85	85	85	85	76	84	88	82	83	85	87	86	86	89.2
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clemson College	Maximum	90	92	94	93	90	91	90	90	83	87	84	82	84	86	86	87	82	79	80	81	83	81	85	88	87	75	80	84	84	83	....	85.4
	Minimum	63	67	65	71	65	65	66	63	62	68	68	62	59	60	66	62	61	61	62	59	59	61	50	52	54	61	53	54	54	53	....	60.9
Columbia	Maximum	93	93	94	96	92	88	88	88	87	88	88	88	87	86	90	90	79	78	82	81	82	75	79	90	91	77	80	84	81	82	....	85.9
	Minimum	70	71	73	72	72	72	72	69	69	70	70	68	68	68	71	70	68	63	63	62	57	63	60	57	65	66	61	62	61	63	....	66.5
Due West	Maximum	92	95	93	95	90	90	90	90	88	87	77	86	85	87	88	89	79	79	81	81	82	76	84	89	89	74	81	84	82	82	....	85.5
	Minimum	66	70	69	70	68	69	70	67	68	68	67	66	63	65	70	65	69	69	59	58	57	59	57	57	62	62	57	60	60	57	....	63.9
Greenville	Maximum	91	92	91	91	87	88	90	87	85	88	77	83	84	87	84	88	78	75	76	80	80	77	84	86	86	69	78	81	79	79	....	83.4
	Minimum	66	69	69	71	69	71	71	67	67	68	67	62	63	66	67	66	69	61	59	60	59	62	54	59	65	60	58	62	62	58	....	64.2
Greenwood	Maximum	90	90	90	91	88	86	87	88	85	86	80	85	82	84	86	85	78	76	76	79	80	73	80	88	89	78	79	82	80	77	....	83.3
	Minimum	68	68	70	71	69	70	68	66	66	66	69	65	62	65	66	67	66	60	59	57	55	62	54	58	64	62	65	57	57	58	....	63.7
Heath Springs	Maximum	91	90	94	90	90	87	88	88	86	88	87	87	86	85	88	88	88	81	76	79	80	79	78	79	91	85	79	78	82	80	79	....	84.5
	Minimum	68	70	71	69	69	70	67	65	64	67	68	66	63	66	66	68	67	68	58	58	57	55	62	57	60	66	62	57	57	58	57	....	63.7
Kershaw	Maximum	95	94	92	93	93	92	93	90	92	90	91	89	88	90	92	90	82	80	84	85	83	79	83	90	86	78	83	85	83	84	....	87.7
	Minimum	67	69	70	71	70	69	66	62	64	66	67	65	62	66	62	65	67	57	58	57	55	61	57	56	59	62	58	56	56	56	....	62.5
Landrum	Maximum	93	95	91	94	89	90	81	90	89	91	85	86	86	81	89	88	80	77	78	82	82	79	88	88	87	71	82	84	82	81	....	85.3
	Minimum	63	65	71	67	75	68	66	61	66	61	63	65	59	60	72	63	68	61	58	58	60	59	52	53	66	58	51	55	54	53	....	61.7
Laurens §§	Maximum	91	92	91	93	87	88	89	88	86	88	79	88	85	87	88	87	79	77	80	80	81	75	82	88	87	73	79	83	81	81	....	84.4
	Minimum	62	67	68	68	68	69	65	63	63	63	63	63	60	62	64	63	63	60	59	57	55	64	49	51	54	60	55	56	55	56	....	60.8
Liberty	Maximum	93	94	95	94	90	92	93	91	88	89	80	85	87	88	86	88	80	79	78	79	82	78	85	88	80	80	82	89	81	81	....	85.6
	Minimum	63	65	67	67	67	68	68	64	63	65	63	65	63	61	66	62	68	61	58	53	54	62	50	54	60	56	65	54	55	56	....	61.4
Little Mountain	Maximum	91	94	92	95	92	88	89	90	88	87	87	88	88	89	90	91	78	78	82	81	81	82	85	89	90	85	82	84	82	82	....	86.7
	Minimum	68	69	68	70	69	70	68	67	68	67	66	64	66	67	67	68	67	60	58	58	55	58	60	60	65	69	69	68	66	66	....	65.2
Monetta	Maximum	94	....	95	97	93	91	92	91	90	90	90	87	92	91	90	91	80	79	83	88	83	77	85	90	93	81	83	86	82	85	....	a87.9
	Minimum	67	68	70	71	70	69	69	64	68	67	67	65	66	66	69	68	69	61	60	65	58	69	59	56	58	65	60	58	64	65	....	64.8
Newberry	Maximum	....	....	....	....	....	92	93	91	90	91	89	91	89	90	94	92	92	78	84	85	85	85	88	92	93	84	84	86	85	88	....	a88.4
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Santuck	Maximum	94	95	93	95	91	90	91	91	91	92	88	90	87	90	93	92	80	80	82	83	83	77	84	91	91	80	82	84	82	82	....	87.5
	Minimum	64	67	69	68	68	69	68	62	62	64	66	64	60	62	65	64	65	69	58	54	51	53	50	50	56	60	54	62	62	62	....	61.7
Spartanburg	Maximum	95	97	93	95	91	92	95	93	91	91	86	89	88	93	92	90	80	78	80	84	82	85	87	90	89	78	76	84	82	81	....	87.6
	Minimum	65	68	68	69	68	66	67	64	64	64	65	63	61	63	66	65	68	59	57	57	56	61	53	53	58	57	54	59	58	54	....	61.4
Trenton	Maximum	93	93	92	95	90	90	90	90	89	89	85	87	87	89	90	90	86	84	82	80	81	75	82	90	91	82	82	85	85	83	....	86.9
	Minimum	76	77	71	71	70	70	68	68	67	67	69	66	66	66	69	69	66	60	58	58	56	54	57	60	62	60	60	60	59	61	....	64.7
Walhalla	Maximum	97	97	98	100	93	96	95	94	88	92	82	87	88	91	92	90	83	80	81	84	86	89	88	93	91	74	83	86	85	84	....	88.7
	Minimum	62	63	65	65	64	68	64	65	60	65	62	56	59	58	63	58	65	60	57	56	54	58	49	53	59	60	59	59	55	55	....	59.3
Winnsboro §§	Maximum	95	96	93	94	91	89	90	....	89	90	90	89	88	89	90	89	79	79	82	82	83	77	81	91	88	78	84	85	84	84	....	a86.9
	Minimum	66	68	71	70	69	69	68	....	65	68	69	65	64	66	67	67	68	59	57	57	55	57	59	57	58	63	58	58	58	57	....	a63.2
Winthrop College	Maximum	85	95	90	95	90	93	92	93	92	90	87	89	89	90	92	94	82	84	83	86	85	89	84	86	90	81	83	86	84	89	....	87.8
	Minimum	61	62	70	71	68	68	67	63	64	66	69	64	62	64	65	66	57	59	55	58	57	55	57	59	58	56	54	55	59	53	....	61.4

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

51.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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DEC 8 1922

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., OCTOBER, 1922. No. 10.

GENERAL SUMMARY.

The weather for the month of October was exceptionally moist. The amounts of precipitation and the periods of rainfall were fairly well distributed over the State throughout the month. Temperatures were generally above normal, with sunshine somewhat above the October average.

Normal progress was made in harvesting crops in season. Cotton picking had been finished at the close of the month, except in the northwestern counties, where a few scattered fields remained. Corn harvesting was well under way, and the digging of sweet and Irish potatoes were nearing completion. Plowing was progressing as well as soil conditions permitted, but the weather was generally unfavorable for this work, except during the last week, when sowing of oats, rye, and winter wheat was carried on extensively, and the early planted grains were coming to good stands. Vegetables were somewhat improved by the rains, and apples were plentiful on market. Molasses making was becoming general at the close of the month.

J. F. J.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.04 inches. The highest pressure was 30.42 inches at Asheville and Charlotte, N. C., on the 13th, and in the Section proper, 30.38 inches at Greenville on the same date; the lowest pressure was 29.66 inches at Charlotte, N. C., and at Greenville, S. C., on the 8th.

TEMPERATURE.

The monthly mean for the Section, determined from records of 37 stations, was 64.5°, or 0.9° above the normal. The highest temperature was 94° at Florence, No. 1, Florence County, on the 4th and 5th. The warm periods were from the 3d to the 9th, 16th to 17th, and 28th to 31st. The lowest temperature was 31° at Landrum, Spartanburg County, on the 25th. The cool periods were from the 11th to the 16th, and from the 19th to the 25th. Light frosts occurred over the higher elevations of the Piedmont on the 19th and 20th, but killing frost was reported from the extreme northern section of Spartanburg County only.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 56%; 8 p. m., 68%. The highest percentages occurred along the coast, and the lowest, in the northern interior.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 5.57 inches, or 2.48 inches above the normal. The rainfall was fairly well distributed, and occurred in three well defined periods, from the 6th to the 10th, 14th to 18th, and on the 23d and 24th. The amounts were greatest over the coastal plain and portions of the lower Piedmont, and smallest over the upper Piedmont and the south-central counties. The greatest local monthly amount was 9.00 inches at Effingham, Florence County; least local monthly amount, 3.04 inches at Orangeburg, No. 2, Orangeburg County. The greatest 24-hour amount at any station was 4.50 inches at Effingham, Florence County, on the 9th. The average number of rainy days was 60 per cent above normal.

WIND.

The prevailing wind was from the east. The average hourly velocity, determined from 9 anemometer records, was 6.9 miles. The highest average velocity was 10.7 miles per hour at Savannah, and in the Section proper, 10.5 miles per hour at Charleston; the lowest average was 3.8 miles per hour at Charlotte, N. C., and in the Section proper, 5.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 32 miles per hour from the northeast at Charleston and Savannah on the 13th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 231.6 hours, or 63% of the possible amount. The average number of clear days was 18; partly cloudy, 5, and cloudy, 8, as against normals of 17, 7, and 7 days, respectively.

RIVER CONDITIONS.

The Santee River was at or above flood stage at Rimini from the 19th to the 22d, and at Ferguson, from the 20th to the 24th. Otherwise, the various rivers of the Section were relatively low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing.—Landrum, 25.

Halos—Lunar: Charleston, 2, 4, 6; Due West, 2, 4; Greenville, 2, 5; Liberty, 2, 4, 5; Walhalla, 25. *Solar:* Columbia, 3; Due West, 2, 23; Greenville, 2, 4, 13.

Fog, dense.—Charleston, 23; Cheraw, 5; Columbia, 30; Garnett, 23; Georgetown, 5, 30, 31; Greenville, 7; Kershaw, 5; Kingstree, 28; Monetta, 31; Rimini, 30; Santuck, 31; Trenton, 31; Winnsboro, 31; Yemassee, 23.

MISCELLANEOUS DATA FOR OCTOBER, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.07	56.6	81	32	3.36	1.59	5.4	se.	87	47	60	64
Augusta, Ga.	30.02	66.5	87	43	6.50	2.75	4.5	e.	82	54	72	70
Charleston, S. C.	30.01	68.7	86	52	5.72	2.41	10.5	ne	85	68	83	72
Charlotte, N. C.	30.05	62.8	87	43	5.32	2.26	3.8	ne.	75	46	61	73
Columbia, S. C.	30.04	65.2	86	42	6.65	2.82	5.7	ne.	82	50	64	61
Due West, S. C.	30.06	62.6	86	40	3.14	0.96	7.6	ne	81	....	56	69
Greenville, S. C.	30.03	62.4	84	42	4.77	2.92	7.5	ne.	77	55	61	68
Savannah, Ga.	30.00	69.0	89	54	4.94	1.69	10.7	ne.	87	66	80	47
Wilmington, N. C.	30.04	66.1	84	45	6.40	2.57	6.0	ne.	86	58	78	70
Means and extremes	30.04	64.4	89	32	5.20	2.92	6.9	ne.	82	56	68	63

Climatological Data for October, 1922.

Stations.	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation 0.01 in. or more.	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	66.9	+1.9	96	† 6	40	†23	41	3.80	+1.55	1.00	0	9	18	6	7	.....	Mrs. D. B. Sanders.
Bowman	Orangeburg	160	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Olin P. Evans.
Charleston	Charleston	48	51	68.7	+0.9	86	7	52	27	19	5.72	+1.79	2.41	0	7	10	10	11	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	64.6	+2.5	93	† 4	39	†25	47	5.46	+3.35	1.63	0	8	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	66.3	+1.4	87	8	41	27	38	8.02	+6.81	2.52	0	10	19	0	12	ne.	Paul Quattlebaum.
Darlington	Darlington	175	27	[a]64.2	+0.7	[a]90	† 3	[a]39	28	[a]44	4.66	+1.55	1.35	0	9	22	1	8	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	9.00	+6.62	4.50	0	8	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	65.9	+1.7	89	8	40	27	41	8.03	+5.16	3.48	0	8	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	65.8	+1.7	94	† 4	41	25	37	7.16	+4.10	2.83	0	10	20	5	6	ne.	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	7.23	+4.17	3.08	0	7	15	9	7	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	67.4	.....	92	7	43	25	38	8.35	.....	2.25	0	8	12	8	11	e.	Mamer B. Robert.
Georgetown	Georgetown	12	29	67.0	+0.7	90	† 6	41	27	39	6.93	+3.75	1.90	0	8	21	8	2	n.	A. P. Hazard.
Kingstree	Williamsburg	54	40	65.6	+1.1	89	† 6	40	25	36	5.20	+2.35	1.63	0	8	19	1	11	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	66.7	.....	90	7	40	25	41	3.30	.....	0.93	0	8	17	8	6	e.	U. S. Fisheries Station.
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	3.04	.....	1.10	0	7	19	4	8	e.	State A. and M. College.
Paris Island	Beaufort	13	41	68.8	+1.0	89	8	51	†26	29	7.60	+4.35	2.20	0	7	11	10	10	e.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	8	.....	.....	.....	.....	.....	.....	.....	5.45	.....	1.25	0	7	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	31	63.8	+1.2	89	4	38	25	45	7.54	+4.49	2.52	0	8	24	0	7	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	68.0	+2.3	93	7	40	25	38	4.58	+2.30	1.10	0	7	20	4	7	w.	E. P. Lawton.
Wedgefield	Sumter	249	32	67.0	+3.3	92	4	41	28	43	3.93	+1.08	1.90	0	5	23	4	4	e.	W. Hampton Ramsey.
Yemassee	Hampton	24	33	68.0	+2.4	89	† 7	42	25	39	6.14	+3.30	1.51	0	10	14	3	14	ne.	W. C. Hutson.
Division means and extremes		....	...	66.5	+1.7	91	† 4	38	25	45	6.06	+3.08	4.50	0	8	17	6	8	ne.	
Western Portion.																				
Aiken	Aiken	527	60	65.9	+2.1	87	5	46	24	32	6.39	+3.76	3.33	0	6	19	1	11	ne.	Frank B. McCoy.
Anderson	Anderson	764	29	65.8	+2.4	87	† 4	43	†24	34	4.47	+1.69	1.85	0	9	20	2	9	e.	H. H. Russell.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	5.49	+2.93	1.36	0	10	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	23	60.6	.....	90	4	35	†20	45	4.75	+1.69	2.13	0	9	15	9	7	e.	L. M. Parker.
Camden	Kershaw	222	72	.....	.....	[b]91	5	.....	.....	.....	6.52	+3.90	2.60	0	10	21	2	8	e.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	6.65	+3.04	2.25	0	9	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	6.71	+4.13	1.60	0	9	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	...	.....	.....	.....	.....	.....	.....	.....	6.29	.....	1.85	0	10	10	11	11	e.	J. C. Cornwell.
Clemson College	Oconee	850	30	61.6	0.0	86	† 1	36	25	41	4.97	+1.60	2.75	0	7	21	2	8	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	65.2	+1.2	86	4	42	25	35	6.65	+3.80	2.82	0	10	18	3	10	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	8	62.6	.....	86	4	40	24	31	3.14	.....	0.96	0	9	17	6	8	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	7.80	.....	3.20	0	8	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	5.65	+2.71	2.75	0	7	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	62.4	+2.1	84	4	42	25	32	4.77	+1.57	2.92	0	7	15	9	7	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	61.8	−0.4	88	6	43	†20	31	5.97	+3.13	2.22	0	8	22	0	9	w	M. M. Calhoun.
Heath Springs	Lancaster	568	20	63.0	+0.6	85	5	41	24	35	6.06	+3.61	2.40	0	8	18	5	8	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	64.0	.....	90	† 4	41	†23	43	5.22	.....	1.40	0	9	21	0	10	e.	John W. Hamel.
Landrum	Spartanburg	1063	7	61.6	.....	88	† 4	31	25	47	4.63	.....	2.10	0	8	21	4	6	e.	R. Hartwell Wilds, U. S.
Laurens	Laurens	589	4	[b]60.6	.....	[b]84	† 4	[b]36	29	[b]40	4.48	.....	1.68	0	9	13	14	4	.....	Perry A. Simpson.
Liberty	Pickens	900	22	61.7	−0.3	86	5	37	†24	37	3.64	−0.21	2.40	0	8	21	3	7	ne	John T. Boggs.
Little Mountain	Newberry	711	29	63.4	−1.0	86	4	42	20	31	6.12	+3.22	1.50	0	10	18	4	9	w.	J. M. Sease, M. D.
Monetta	Saluda	400	15	65.2	0.0	88	† 4	42	25	34	6.97	+3.49	3.14	0	8	17	7	7	ne.	Joseph M. Johnson.
Newberry	Newberry	592	18	.....	.....	89	4	41	25	....	4.55	+1.99	1.30	0	7	23	0	8	e.	Sue Ella Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	4.41	+0.91	2.10	0	10	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Hunt.
Santuck	Union	512	29	61.4	−0.7	89	4	33	27	47	5.08	+2.84	1.11	0	11	20	2	9	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	62.0	+0.9	87	† 4	37	27	40	3.17	+0.36	1.72	0	8	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	64.6	+2.3	89	4	45	†20	34	7.09	+4.00	2.60	0	7	20	2	9	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	61.2	+0.4	88	5	34	†24	43	4.35	+0.87	1.18	0	9	21	3	7	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	28	[b]63.6	+1.2	[b]89	† 4	[b]43	†19	[b]31	6.21	+3.11	1.50	0	9	21	4	6	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	63.3	+0.9	90	4	38	28	42	3.99	+1.14	1.25	0	10	22	0	9	n.	R. F. Gooding.
Division means and extremes		.....	.....	62.9	+0.3	90	† 4	31	25	47	5.40	+2.37	3.33	0	9	19	4	8	e.	
Section means and extremes		.....	.....	64.5	+0.9	94	† 4	31	25	47	5.57	+2.48	4.50	0	8	18	5	8	e.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T. Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

COLUMBIA.—Daily precipitation for September 4th and 5th, 1922, page 37, should be 1.43 and 0.19 respectively.

Daily Precipitation for October, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah																																
Blackville ||||	Edisto							.50		.25	.22				.25	.50	.68	1.00	.25						.15								3.80
Bowman	do																																
Charleston ***	Coast						.02	T.		1.39					1.43	.41	.06	1.43	.98					T.								5.72
Cheraw |||	Pee Dee							.42	.78		1.26					.49	.14	1.63	.56						.18								5.46
Conway |||	Waccamaw							.53	1.20		1.92				.08	1.36	.25	.03	2.52	.03				.10								8.62
Darlington |||	Pee Dee							.55	.28	.03	1.35				.05	.55	.38	1.25	.22													4.66
Effingham |||	Lynches							.06			4.50				.07	.60	.64	2.60	.47						.06							9.00
Ferguson |||	Santee							.21			3.48				.32	.72	.61	.25	2.24						.20							8.03
Florence 1 |||	Pee Dee							.32	.04	.02	2.83				.04	.51	.36	1.72	1.24						.08							7.16
Florence 2 |||	do							.32	.10		3.08					.55	.50	1.25	1.43													7.23
Garnett	Savannah				T.		.19		2.25	1.60					1.04	.73	.03	1.09	1.42						F.							8.35
Georgetown	Coast						.40	.90	.01	1.23					1.90	.92	.40		1.17													6.93
Kingstree |||	Black							.08	.50		1.47				.11	.75	.55		1.63						.11							5.20
Orangeburg 1	Edisto								.05			.31				.12	.62	.93	.82	.26							.19						3.30
Orangeburg 2	do								.30	.42					.74	.11	1.10	.11						.26								3.04
Paris Island	Coast									.70	2.10				.10	1.20	1.20		2.20	.10												7.60
Pinopolis	Cooper																																
Rimini |||	Santee									1.10	.20				.40	.35	1.00	1.25	1.15													5.45
Society Hill |||	Pee Dee							.62	.62		1.95					.50	.18	2.52	1.03					.12								7.54
Summerville	Ashley						T			.98	.40				.85	.85	.15	.25	1.10													4.58
Wedgefield	Wateree														.40	.50	.88	1.90						.25								3.93
Yemassee |||	Ashepoo							.11	.05	1.11	.71				.34	1.40	.51	.08	1.51	.32												6.14
Western Portion.																																	
Aiken	Edisto						.55	.36		.59					.35		1.21	3.33														6.39
Anderson	Savannah						.68	1.85	.09	.60					.16	.17	.57	.08						.27									4.47
Blairs |||	Broad							.96	.45	.67	1.36				.02	.21	.19	.92	.35						.36							5.49
Calhoun Falls |||	Savannah						T.	2.13	.10	.43	.35					.37	.32	.49	.11						.45					T.		4.75
Camden |||	Wateree							1.45	.22	.72	.50				.04	.60	.30	2.00	.49						.20							6.52
Catawba |||	Catawba							2.25	.90	.40	1.25					.25	.30	.90	.10						.30							6.65
Chappells |||	Saluda							1.60	.68	1.22					.15	.34	.23	1.50	.48						.51							6.71
Chester	Broad						.35	1.63	1.85	.45					.15	.16	.83	.24	.28					.35								6.29
Clemson College	Savannah						.32	2.75		1.24						.26	.28	.62						.10								4.97
Columbia ***	Congaree						.57	.69	.24	.65	.02				.39	.57	2.15	1.19						.18								6.65
Due West***	Savannah						.72	.40	.04	.23					.14	.33	.89	.11						.28								3.14
Edgefield |||	Savannah							3.20		.45	.15				.15	.20	.50	2.60							.55							7.80
Gaston Shoals |||	Broad					T.		2.75	.10		1.15					.45	.30	.46							.44							5.65
Greenville ***	Saluda						.35	2.77		1.15					.06	.03	.28	T.						.13								4.77
Greenwood |||	do							2.22	.86	.12					.24	.28	.23	1.24	.32						.46							5.97
Heath Springs	Wateree							2.40	.25		.32				.05	.45	2.00	.26						.33								6.06
Kershaw |||	Lynches							1.36	.13	.67	.57					.45	.36	1.40	.48						.40							5.22
Landrum	Broad						.21	1.52	.08	2.10	T.					.24	.12	.04						.32								4.63
Laurens |||	Saluda						1.68	.85	.06	.11					.11	.36	.38	.70							.23							4.48
Liberty	Savannah						.15	2.40		.30					.04	.04	.08	.03						.10								3.64
Little Mountain	Saluda							.90	.90	.90	.29				.25	.25	1.50	.70	.18					.25								6.12
Monetta	Edisto						.69	1.17		.13					.23	.10	1.33	3.14						.18								6.97
Newberry	Saluda						.55	.80	1.30	.65						.30	.15							.80								4.55
Pelzer |||	do						T	2.10	.27	.22	.80				.02	.22	.12	.44	.04						.18							4.41
Saluda	do																																
Santuck	Broad							.81	.88	.75	.54	.05			.13	.22	1.11	.37	.02					.20								5.08
Spartanburg |||	do							T.	1.72	.20		.50				.21	.07	.37	.03					.07								3.17
Trenton	Edisto						2.60	.47	.17						.28	T.	1.20	2.02						.35								7.09
Walhalla	Savannah						.62	1.04	.13	1.18					.60	.30	.30	.03						.15								4.35
Winnsboro |||	Broad							1.63	.63	.03	.47					.31	.82	1.50	.59						.23							6.21
Winthrop College	Catawba						.65	1.25	.45	.23	.51				.02	.10	.72	.40						.26								3.59

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	61.4	91	30	5.96	8				n.
1888	59.3	88	31	4.18	7				sw
1889	60.8	88	27	1.65	3				n.
1890	63.0	90	22	4.06					
1891	60.2	92	28	1.63					nw.
1892	63.8	89	27	0.60					ne.
1893	64.4	90	25	4.92	5	18	7	6	ne.
1894	64.2	98	33	4.95	5	20	6	5	ne.
1895	61.3	95	28	1.15	3	20	7	4	ne.
1896	61.3	91	28	1.41	4	15	8	8	ne.
1897	65.8	96	35	3.23	5	14	8	9	ne.
1898	62.9	90	28	3.82	9	14	8	9	ne.
1899	64.2	91	34	5.07	6	14	7	10	ne.
1900	67.6	95	33	3.65	9	13	7	11	ne.
1901	62.4	92	29	0.89	3	22	6	3	ne.
1902	63.2	95	30	4.40	7	19	5	7	ne.
1903	62.0	93	25	2.63	5	18	6	7	n.
1904	62.4	98	26	1.10	3	23	5	3	ne.
1905	64.2	93	29	1.97	6	15	6	10	ne.
1906	61.9	90	24	3.69	7	14	6	11	ne.
1907	61.2	91	28	0.73	3	19	7	5	ne.
1908	62.0	89	35	4.22	6	19	6	6	ne.
1909	61.2	96	27	2.43	5	23	5	3	ne.
1910	66.5	100	22	4.39	6	20	7	4	ne.
1911	67.5	99	37	5.89	8	12	9	10	ne.
1912	65.0	94	32	2.21	5	18	4	9	ne.
1913	62.5	95	28	3.56	6	19	6	6	ne.
1914	64.7	92	26	3.44	8	13	7	11	ne.
1915	67.0	93	27	4.95	8	18	7	6	ne.
1916	64.0	92	31	2.54	5	16	7	8	ne.
1917	59.3	90	22	1.50	4	23	5	3	sw
1918	67.3	93	33	3.75	5	15	8	8	ne.
1919	73.7	101	44	2.53	5	13	10	8	sw.
1920	64.1	92	25	0.76	2	24	4	3	ne.
1921	62.6	90	27	1.79	4	21	4	6	ne.
1922	61.5	94	31	5.57	8	18	5	8	ne.
Period	63.6	101	22	3.09	6	18	6	7	ne

Daily Temperatures for October, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum																																
Blackville	Maximum	89	81	88	87	88	90	90	87	88	83	78	75	83	70	63	65	81	82	76	74	75	78	80	75	70	77	80	79	80	87	87	80.2
	Minimum	57	61	58	62	60	63	70	68	63	52	48	50	55	51	53	55	61	63	47	45	47	48	40	46	43	50	44	40	46	60	55	53.6
Bowman	Maximum																																
	Minimum																																
Charleston	Maximum	80	73	77	79	80	81	86	85	82	74	74	75	69	67	70	83	85	70	70	71	71	73	72	65	72	74	71	74	74	78	72	75.1
	Minimum	67	66	69	70	70	72	75	71	69	63	59	57	59	56	65	68	70	61	58	55	58	58	58	55	53	55	52	55	60	65	61	62.3
Cheraw §§	Maximum	89	91	90	93	93	91	88	86	88	78	74	81	75	62	62	70	72	75	72	79	76	78	76	66	72	71	72	84	86	84	71	78.9
	Minimum	58	56	59	54	55	54	59	67	66	61	48	47	49	54	55	59	62	58	43	42	45	44	43	44	39	43	41	39	41	46	43	50.8
Conway	Maximum	85	81	84	85	85	82	85	87	84	77	74	76	67	62	67	84	85	73	69	72	73	78	77	70	73	75	72	79	80	80	71	77.2
	Minimum	62	60	64	59	59	62	72	71	69	64	53	49	55	54	62	65	73	59	46	46	50	49	51	47	40	47	41	45	42	51	51	55.4
Darlington §§	Maximum	84	80	90	....	90	90	87	85	88	75	76	82	65	60	62	72	80	71	69	74	73	75	76	67	72	79	74	83	85	83	74	[a]77.4
	Minimum	54	56	59	55	....	55	60	70	65	60	49	47	50	52	52	58	61	59	43	43	46	46	45	44	38	45	43	39	41	49	49	[a]51.1
Ferguson §§	Maximum	85	80	85	83	82	85	87	89	86	75	74	77	77	74	75	86	84	72	74	73	74	75	78	66	75	77	73	80	82	81	74	78.6
	Minimum	58	60	64	59	55	58	64	65	65	58	48	46	54	53	55	58	71	61	48	46	49	48	50	47	48	45	40	42	41	42	51	53.2
Florence 1	Maximum	84	83	91	94	94	89	90	88	85	76	70	84	67	60	64	72	73	76	67	71	66	64	73	68	74	70	76	80	86	84	83	77.5
	Minimum	59	58	61	60	58	63	67	70	68	62	50	49	53	49	57	60	69	60	40	45	48	49	48	43	41	49	43	44	45	53	53	54.0
Garnett	Maximum	87	85	83	87	91	86	92	90	86	76	76	80	69	62	66	87	89	75	73	76	76	79	80	71	76	78	78	81	83	85	80	80.1
	Minimum	....	60	66	66	64	69	72	65	64	54	50	48	54	52	60	63	70	59	50	49	51	55	52	51	43	48	46	45	49	62	59	[a]54.7
Georgetown	Maximum	87	82	83	86	86	90	88	90	84	80	80	80	70	65	70	84	88	74	71	74	73	79	78	70	78	80	72	80	81	82	76	79.4
	Minimum	62	59	65	63	61	65	70	70	61	61	51	48	45	61	61	65	60	55	49	46	44	48	51	48	43	48	41	42	43	54	51	54.5
Kingstree	Maximum	83	78	82	86	85	89	89	85	86	73	73	76	66	62	65	85	83	72	69	71	78	78	76	67	71	75	70	75	80	78	72	76.7
	Minimum	60	59	62	60	59	65	72	60	67	61	50	48	55	53	61	62	70	59	47	45	49	50	49	48	40	48	43	44	44	43	54	54.4
Orangeburg 1	Maximum	85	85	85	88	88	88	90	88	87	77	74	78	68	60	72	82	85	75	70	72	74	75	78	76	75	77	80	77	81	82	76	79.0
	Minimum	59	59	63	61	60	67	71	67	72	54	46	46	53	52	52	61	70	62	48	46	48	49	48	46	40	47	45	42	41	58	52	54.4
Paris Island §§	Maximum	82	77	80	85	86	85	86	89	85	76	75	76	78	77	74	84	81	68	70	72	73	74	75	76	74	76	74	77	79	80	75	78.0
	Minimum	65	64	67	68	67	69	67	67	65	56	54	55	56	58	52	54	71	64	56	53	55	57	57	54	52	51	51	55	57	64	62	59.5
Society Hill §§	Maximum	84	82	86	89	89	87	85	85	88	71	74	80	64	58	62	71	78	70	68	74	72	75	70	75	72	76	73	83	82	80	82	76.9
	Minimum	57	57	58	56	55	57	62	70	65	60	48	46	47	49	53	57	61	59	43	43	44	41	44	43	38	44	42	38	39	46	48	50.6
Summerville	Maximum	86	79	82	87	88	90	93	89	87	75	75	78	70	64	67	86	87	75	71	74	75	79	76	68	74	78	78	80	82	84	79	79.2
	Minimum	62	61	66	66	63	67	72	69	66	59	52	48	55	53	62	64	73	69	49	48	52	52	53	52	40	47	45	43	48	59	57	56.8
Wedgefield	Maximum	89	88	88	92	91	84	91	90	90	76	76	82	74	66	65	80	84	78	80	75	76	79	75	72	64	72	81	84	84	85	80	80.4
	Minimum	64	61	64	63	63	67	64	62	56	48	50	45	52	58	62	69	55	46	44	47	49	52	46	46	42	42	41	46	55	54	53.6
Yemassee	Maximum	86	85	82	88	88	86	89	89	85	76	75	80	68	63	66	87	87	72	74	75	76	79	79	70	75	79	79	81	82	86	81	79.6
	Minimum	60	59	65	65	68	66	70	68	64	54	48	46	53	52	60	63	70	66	49	48	50	55	52	50	42	50	42	45	48	62	59	56.3
Western Portion.																																	
Aiken	Maximum	85	83	84	86	87	84	83	83	77	71	72	78	76	63	61	76	76	72	70	72	72	73	74	72	71	76	72	76	80	80	80	76.3
	Minimum	61	60	64	63	63	62	71	60	64	49	49	51	52	50	55	60	63	63	48	48	50	53	55	46	47	49	49	48	50	65	54	55.5
Anderson	Maximum	83	83	82	87	87	76	75	78	70	67	68	77	62	57	63	67	75	70	57	59	70	73	69	67	71	77	77	78	78	83	75	72.9
	Minimum	60	61	60	60	62	65	64	64	55	49	47	47	49	47	53	60	65	53	46	45	50	49	51	43	43	62	49	44	51	58	55	53.8
Calhoun Falls §§	Maximum	86	84	85	90	89	70	83	83	64	69	69	79	78	70	62	67	78	71	68	72	75	73	73	66	72	78	74	78	80	83	79	75.7
	Minimum	53	54	52	53	54	57	57	60	55	41	39	40	41	47	43	44	55	52	40	35	39	41	43	36	36	39	42	35	35	40	51	45.5
Camden §§	Maximum	86	86	87	91	91	89	90	86	....	....	78	81	67	....	....	....	77	70	70	74	74	76	78	69	74	77	....	84	....	....	78	....	....
	Minimum	....	....	....	68	....	....	70	71	68	60	54	....	51	52	54	58	69	61	50	49	51	....	....	....	47	49	....	....	....	....	57	....	....
Chester	Maximum																																
	Minimum																																
Clemson College	Maximum	86	84	84	85	86	74	81	80	76	67	68	77	74	62	64	70	76	75	69	73	71	70	69	63	70	75	68	76	78	80	74	74.4
	Minimum	52	52	54	52	54	62	63	64	59	47	42	43	42	46	48	61	64	53	39	38	48	43	47	37	36	47	38	37	40	49	53	48.7
Columbia	Maximum	84	82	83	86	86	85	85	83	81	72	72	78	62	58	61	72	77	70	67	72	71	73	74	64	72	75	72	79	80	81	73	75.3
	Minimum	61	60	64	63	61	66	70	67	64	55	51	52	54	53	56	61	68	54	47	45	50	52	50	46	42	51	48	44	49	53	53	55.2
Due West	Maximum	83	83	83	86	85	70	83	79	68	67	67	76	63	57	62	67	76	70	65	70	69	72	71	65	71	75	70	77	78	82	68	72.8
	Minimum	59	58	60	59	60	65	65	66	56	47	45	46	50	47	54	60	64	51	44	45	49	50	50	40	41	45	46	46	48	56	53	52.4
Greenville	Maximum	82	81	81	84	84	71	89	79	67	65	66	75	60	58	62	68	77	69	63	69	67	70	62	63	70	75	68	77	76	81	74	71.8
	Minimum	63	61	62	57	60	64	64	65	58	48	45	46	47	49	53	60	64	54	45	44	51	51	50	46	42	47	48	45	51	52	54	53.1
Greenwood	Maximum	78	81	80	81	84	88	81	82	78	67	67	67	74	62	56	61	66	72	67	64	69	69	67	70	62	70	73	69	74	75	78	72.1
	Minimum	55	55	55	57	58	60	54	61	62	49	48	49	50	47	48	56	60	57	45	43	48	48	50	43	43	46	43	43	46	55	53	51.4
Heath Springs	Maximum	82	80	79	84	85	81	84	83	84	79	73	75	72	65	62	67	72	68	65	70	68	70	71	63	67	73	70	77	77	78	76	74.2
	Minimum	55	56	58	60	58	61	70	65	64	54	50	51	49	50	51	53	66	57	44	42	43	44	45	41	43	49	42	46	47	50	50	51.9
Kershaw	Maximum	86	85	84	90	90	83	86	83	84	84	71	78	65	59	61	69	73	70	68	73	71	75	73	64	71	74	72	82	84	85	72	76.3
	Minimum	55	56	60	56	55	59	70	66	64	54	47	47	50	52	54	54	67	58	44	43	47	46	41	41	41	48	42	41	45	51	50	51.7
Landrum	Maximum	83	82	85	88	88	79	82	82	72	68	68	75	61	55	63	69	78	70	63	70	69	72	66	66	78	73	69	80	79	85	76	74.0
	Minimum	54	54	54	51	52	58	62	63	62	59	41	45	41	47	51	58	65	55	38	39	43	42	55	42	31	54	39	38	42	45	48	49.1
Laurens §§	Maximum	82	82	83	84	84	75	82	80	69	69	68	75	63	57	62	68	76	68	64	69	68	....	70	71	62	70	....	75	76	76	68	[b]72.3
	Minimum	56	53	54	51	53	60	64	66	66	47	44	43	45	50	52	57	62	50	42	....	43	45	....	44	41	37	39	....	36	37	....	[d]48.9
Liberty	Maximum	80	81	84	84	86	73	83	80	75	75	68	76	69	65	65	68	75	73	65	70	69	72	63	65	72	75	70	76	76	82	79	74.1
	Minimum	55	53	55	52	55	62	64	63	60	48	44	43	47	47	54	54	55	55	43	38	50	44	46	37	37	44	40	39	41	47	55	49.3
Little Mountain	Maximum	82	83	84	86	85	80	83	85	80	68	70	75	68	57	60	65	70	69	64	69	69	70	72	75	70	70	72	77	78	80	77	74.0
	Minimum	56	55	56	58	58	59	65	67	60	48	48	58	48	47	52	55	58	54	43	42	46	48	54	50	44	43	50	55	52	59	51	52.9
Monetta	Maximum	85	85	84	88	88	85	85	82	76	70	71	79	74	58	60	71	77	70	67	71	73	76	73	66	71	76	75	78	80	83	77	75.9
	Minimum	65	58	61	60	60	66	68	65	63	49	46	49	51	49	54	60	67	61	47	45	50	52	52	46	42	47	46	46	49	60	54	54.5
Newberry	Maximum	86	86	85	89	84	82	86	80	73	72	79	79	69	65	64	70	72	75	76	75	73	70	74	65	73	77	71	80	79	82	73	76.3
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	47	42	41	46	50	45	42	51	50	.....
Saluda	Maximum																																
	Minimum																																
Santuck	Maximum	85	85	87	89	88	79	83	81	74	73	70	78	65	58	62	68	77	71	76	71	71	74	71	66	72	71	72	80	80	84	74	75.0
	Minimum	50	49	53	51	52	58	63	67	64	51	44	43	48	49	53	60	55	55	38	37	42	42	42	37	35	41	33	39	37	44	46	47.7
Spartanburg	Maximum	84	83	84	87	87	78	83	82	72	70	70	76	68	56	62	69	80	69	64	71	68	72	68	64	73	74	70	79	78	81	74	74.1
	Minimum	54	55	56	53	55	59	63	65	64	49	45	45	45	49	52	59	64	54	40	42	47	44	46	40	40	48	37	38	43	46	51	49.9
Trenton	Maximum	84	84	84	89	88	87	83	80	79	68	70	75	66	57	60	70	70	70	67	72	73	74	73	65	69	74	76	77	79	83	74	74.8
	Minimum	58	58	57	61	62	67	62	63	69	50	47	46	50	49	54	60	61	61	58	45	56	51	52	45	48	47	46	47	49	61	55	54.5
Walhalla	Maximum	86	85	85	87	88	75	83	82	69	67	70	80	63	60	66	69	79	74	67	72	71	73	66	66	75	77	71	78	78	82	76	74.8
	Minimum	50	54	56	52	55	56	63	60	58	44	39	39	39	44	52	60	63	51	39	37	47	41	47	34	34	45	38	36	39	48	54	47.5
Winnsboro §§	Maximum	86	84	85	89	....	89	85	83	78	72	71	77	63	56	62	69	74	70	67	72	71	....	74	65	71	75	71	79	81	83	73	[b]75.0
	Minimum	57	56	57	59	58	....	59	66	64	53	49	49	49	50	49	55	61	58	43	45	46	49	....	43	46	48	44	44	49	54	53	[b]52.2
Winthrop College	Maximum	85	86	89	90	89	89	85	82	76	72	69	77	68	59	65	68	76	75	70	74	75	75	70	65	72	74	70	81	80	82	74	76.0
	Minimum	53	54	55	58	58	61	65	67	65	53	43	48	47	39	53	56	55	56	41	41	42	47	45	41	44	46	39	38	46	50	64	50.6

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

51.05
NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

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JAN 6 1923

CLIMATOLOGICAL DATA

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., NOVEMBER, 1922. No. 11.

GENERAL SUMMARY.

The rainfall of November averaged the lowest of record. The month was somewhat warmer than usual. Mild weather prevailed generally during the first three weeks, followed by temperatures below the seasonal average.

Winter cereal planting proceeded throughout the month, with good stands of wheat, oats and rye where soil moisture was sufficient. In large areas, however, the prolonged relatively dry weather retarded germination, and much plowing and planting were suspended on account of hard ground. Lack of moisture, likewise, was reflected in the condition of pastures and winter gardens and truck, which were badly in need of rain at the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.17 inches. The highest pressure was 30.58 inches at Asheville, N. C., on the 11th, and in the Section proper, 30.53 inches at Charleston on the 30th; the lowest pressure was 29.50 inches at Charleston on the 28th.

TEMPERATURE.

The monthly mean for the Section, determined from records of 39 stations, was 54.8°, or 0.9° above the normal. The highest temperature was 88° at Orangeburg No. 1 on the 15th, and at Summerville on the 11th. The warmest periods were from the 1st to the 8th and from the 12th to the 20th. The lowest temperature was 17° at Walhalla on the 29th. The coldest periods were on the 10th and 11th and during the last 9 days. The first general autumn killing frosts, or freezing temperatures, occurred in the Piedmont on the 10th and 11th, over the central sections from the 21st to the 23d, and in some sections of the low country between the 25th and 29th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 52%; 8 p. m., 65%. The highest percentages occurred along the coast and over the lower Savannah drainage area, and the lowest, over the north-central interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 0.61 inch, the lowest of record for November, and 1.67 inches below normal. Light showers occurring in four periods in the western portion, and three periods in the eastern. The amounts were uniformly below normal, ranging from somewhat above one inch in small areas up-State to Traces and no rainfall in sections of Beaufort, Jasper, Hampton, Colleton, and Dorchester Counties. The greatest local monthly amount was 1.29 inches at Cheraw; least local monthly amount, 0.00 inch at Paris Island. The greatest amount in any 24 hours was 0.71 inch at Gaston Shoals, Cherokee County, on the 27th. The number of rainy days was 40% below normal.

Snowfall, ranging in amount from Trace to 1.0 inch, occurred in many sections of the State on the 26th, 27th, and 28th. Sleet occurred at Garnett on the 26th, at Chester and Conway on the 27th, and at Georgetown on the 28th.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.2 miles. The highest average velocity was 11.1 miles per hour at Savannah, Ga., and in the Section proper, 10.1 miles per hour at Charleston; the lowest average was 4.3 miles per hour at Augusta, Ga., and in the Section proper, 5.4 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the northwest at Savannah, Ga., on the 28th, and in the Section proper, 37 miles per hour at Charleston on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 230.7 hours, or 74% of the possible amount. The average number of clear days was 20; partly cloudy, 5, and cloudy, 5, as against normals of 17, 6, and 7 days, respectively.

RIVER CONDITIONS.

On account of relatively dry weather throughout the month, all the rivers of the Section were unusually low, with reduced power in the up-State streams.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing.—Additional number of stations reporting: 10th, 2; 11th, 1; 21st, 9; 22d, 9; 23d, 7: 25th, 3; 26th, 1; 29th, 1.

Halos—Lunar: Columbia, 30; Due West, 3, 6, 23; Greenville, 2; Liberty, 2; Walhalla, 3. *Solar:* Columbia, 23; Due West, 19, 23, 27; Liberty, 17, 19.

Thunderstorms.—Florence No. 2, 28, 29.

ERRATA.

OCTOBER, 1922.—Anderson: Mean temperature, page 40, should be 63.4. Cheraw: Mean temperature, page 40, should be 64.8. Chester: Number of clear days, page 40, should be 8, and partly cloudy, 12. Greenwood: Number of clear days, page 40, should be 21, and cloudy, 10.

ANNUAL, 1921.—Greenville: Last spring freezing temperature date, page 53, should be February 24.

MISCELLANEOUS DATA FOR NOVEMBER, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.20	46.5	72	17	0.26	0.13	9.0	nw.	81	48	59	70
Augusta, Ga.	30.17	56.8	80	28	0.49	0.21	4.3	nw.	84	59	72	73
Charleston, S. C.	30.16	60.1	82	34	0.10	0.07	10.1	ne.	78	54	74	85
Charlotte, N. C.	30.17	51.6	74	24	0.92	0.58	4.5	sw	75	46	57	81
Columbia, S. C.	30.18	55.5	78	27	0.44	0.32	5.4	ne.	79	46	56	64
Due West, S. C.	30.20	52.8	78	23	0.52	0.28	7.1	sw.	84	51	...	68
Greenville, S. C.	30.16	52.4	76	26	0.48	0.29	7.5	ne	74	53	64	76
Savannah, Ga.	30.15	60.8	82	33	0.01	0.01	11.1	ne.	81	54	70	66
Wilmington, N. C.	30.16	54.8	80	29	0.46	0.25	6.0	w.	82	53	70	82
Means and extremes	30.17	54.6	82	17	0.41	0.58	7.2	ne.	80	52	65	74

Climatological Data for November, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	0.25	−1.75	0.15	T.	2	27	1	2	.....	R. B. Vance.
Blackville	Barnwell	296	38	57.9	+2.3	83	† 6	21	29	46	0.10	−2.77	0.07	0	4	11	15	4	ne.	U. S. Weather Bureau.
Charleston	Charleston	48	51	60.1	+2.0	82	7	34	29	26	1.29	−0.82	0.65	1.0	3	...	...	...	.....	Roland D. Powe.
Cheraw	Chesterfield	144	40	[c]56.6	+4.4	[c]81	3	[c]25	30	[c]47	0.69	−1.52	0.47	T.	1	22	1	7	ne.	Paul Quattlebaum.
Conway	Horry	25	32	55.8	+1.6	83	7	25	29	40	0.71	−1.38	0.55	T.	3	23	2	5	.....	D. C. McCall.
Darlington	Darlington	175	27	55.0	+2.3	[b]83	3	[b]24	30	[b]41	0.37	−1.73	0.37	T.	1	...	...	...	.....	Wm. B. Gillespie.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	0.56	−1.61	0.24	T.	3	...	...	...	.....	Henry C. Savage.
Ferguson	Orangeburg	63	36	55.6	+0.5	82	15	22	29	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. K. Gilbert.
Florence 1	Florence	136	40	.....	.....	.....	.....	.....	.....	.....	0.06	−2.03	0.06	T.	1	22	8	0	nw.	Pee Dee Experiment Sta.
Florence 2	do	136	7	.....	.....	.....	.....	.....	.....	.....	0.02	.....	0.02	T.	1	14	9	7	.....	Mauer B. Robert.
Garnett	Hampton	82	4	[d]59.4	.....	[c]85	2	[d]22	29	[d]49	T.	−2.35	T.	T.	0	29	1	0	n.	A. P. Hazard.
Georgetown	Georgetown	12	29	56.4	+0.3	85	7	23	29	47	0.49	−1.56	0.27	0	3	22	1	7	ne.	W. H. Matthews.
Kingstree	Williamsburg	54	40	56.0	+1.3	82	† 7	25	29	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orangeburg 1	Orangeburg	264	6	56.2	.....	88	15	24	†29	44	0.51	.....	0.19	0	5	14	10	6	nw.	U.S. Fisheries Station.
Orangeburg 2	do	264	2	.....	.....	.....	.....	.....	.....	.....	1.24	.....	0.70	0	3	19	6	5	w.	State A. and M. College.
Paris Island	Beaufort	13	41	61.6	+2.9	84	15	32	29	34	0.00	−2.31	0.00	0	0	19	5	6	ne.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	53.6	−0.8	77	3	25	19	.....	0.30	−2.14	0.30	0	1	14	7	9	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	8	.....	.....	.....	.....	.....	.....	.....	0.60	.....	0.60	0	1	...	...	...	.....	Boykin R. Cantey.
St. George	Dorchester	109	39	57.1	+1.5	82	15	23	29	39	T.	−1.88	T.	T.	6	20	6	4	.....	R. L. Utsey.
Society Hill	Darlington	192	31	52.6	+0.4	81	15	23	29	46	1.27	−0.90	0.70	1.0	5	27	1	2	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	58.1	+2.5	88	11	29	29	25	0.32	−1.96	0.25	T	3	24	4	2	w	E. P. Lawton.
Wedgefield	Sumter	249	32	57.2	+3.3	82	† 2	26	29	40	0.55	−1.67	0.30	0	2	25	2	3	ne.	W Hampton Ramsey.
Yemassee	Hampton	24	33	58.8	+3.3	84	7	21	29	51	T.	−2.06	T.	T.	0	24	2	4	se.	W. C. Hulson.
Division means and	extremes	.....	...	56.9	+1.6	88	† 2	21	29	51	0.44	−1.45	0.70	0.1	2	21	5	4	ne.	
Western Portion.																				
Aiken	Aiken	527	60	57.5	+3.4	80	15	25	29	35	0.87	−1.70	0.31	0	5	21	4	5	ne.	Frank B. McCoy.
Anderson	Anderson	764	29	54.9	+2.1	82	3	25	29	41	0.47	−2.23	0.23	6	4	20	0	10	e.	H. H. Russell.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	0.88	−1.38	0.51	0	2	...	...	...	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	23	.....	.....	.....	.....	.....	.....	.....	0.60	−1.81	0.60	0	1	13	7	10	e.	L. M. Parker.
Camden	Kershaw	222	72	[a]54.4	+2.2	[a]81	2	24	29	[a]34	0.64	−1.71	0.30	0	4	28	1	1	w.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	0.89	−1.51	0.60	T.	3	...	...	...	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	0.99	−1.22	0.45	0	3	...	...	...	.....	George V. Clamp.
Chester	Chester	487	..	.....	.....	.....	.....	[b]22	29	.....	0.63	.....	0.39	T.	3	8	14	8	w.	J. C. Cornwell.
Clemson College	Oconee	850	30	52.6	+1.9	78	3	18	29	44	0.31	−2.43	0.17	0	4	22	3	5	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	55.5	+1.7	78	15	27	29	32	0.44	−1.79	0.32	T.	3	18	7	5	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	8	52.8	.....	78	3	23	29	32	0.52	.....	0.28	0	4	14	8	8	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	0.68	...	0.45	T.	2	...	...	...	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	0.96	−1.72	0.71	0	6	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	52.4	+2.4	76	3	26	29	28	0.48	−2.62	0.29	T.	6	19	6	5	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	52.0	[b]0.0	76	4	25	†29	38	0.90	−1.79	0.50	0	2	20	0	10	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	20	53.6	+1.7	74	† 1	24	29	37	0.93	−1.26	0.49	T.	2	22	7	1	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	53.8	.....	78	† 2	22	29	46	0.91	.....	0.48	0	2	24	1	5	e.	John W. Hamel.
Landrum	Spartanburg	1063	7	51.6	.....	76	3	26	26	36	0.90	.....	0.53	T.	4	22	7	1	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	50.0	.....	78	3	19	29	38	0.52	.....	0.31	T.	2	17	12	1	.....	Perry A. Simpson.
Liberty	Pickens	900	22	52.0	+1.1	77	3	21	29	40	0.27	−2.46	0.20	0	4	21	5	4	sw.	John T. Boggs.
Little Mountain	Newberry	711	29	53.2	−0.7	77	14	28	26	38	0.68	−1.68	0.68	0	1	23	3	4	ne	J. M. Sease, M. D.
Monetta	Saluda	400	15	56.2	+1.7	79	† 2	25	29	38	0.67	−1.52	0.30	T.	4	17	10	3	ne.	Joseph M. Johnson.
Newberry	Newberry	502	18	53.4	+1.1	78	† 6	22	29	41	1.22	−1.34	0.55	0	3	23	2	5	e.	Sue Ella Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	0.60	−1.97	0.32	0	6	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Hunt.
Santuck	Union	512	29	51.4	+0.2	78	3	18	29	44	0.97	−1.77	0.60	T.	4	21	6	3	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	51.7	+1.0	77	3	20	29	41	0.57	−1.26	0.40	T.	4	...	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	29	55.0	0.0	77	† 2	25	29	38	0.88	−1.50	0.45	T.	2	22	5	3	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	51.0	+0.2	81	8	17	29	46	0.63	−2.25	0.20	0	5	20	5	5	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	28	[f]52.4	−0.5	[c]79	† 2	[f]23	29	[f]36	0.98	−1.11	0.48	T.	3	20	4	6	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	52.8	+1.1	78	6	22	29	39	0.81	−1.38	0.64	0	6	25	0	5	n.	W. T. Clawson.
Division means and	extremes	.....	...	53.2	+0.9	82	3	17	29	46	0.73	−1.38	0.71	T.	3	20	5	5	e.	
Section means and	extremes	.....	....	54.8	+0.9	88	† 2	17	29	51	0.61	−1.67	0.71	T.	3	20	5	5	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for November, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale	Savannah																																
Blackville	Edisto								.15																			.10					0.25
Charleston ***	Coast						.01								T.	.01											.01		.07				0.10
Cheraw	Pee Dee								.51								13												.65				1.29
Conway	Waccamaw								.03								.13											.06	.47				0.69
Darlington	Pee Dee								.10								.06													.55			0.71
Effingham	Lynches								T.								T.												.37				0.37
Ferguson	Santee								.24							T.	.10											T.	.22				0.56
Florence 1	Pee Dee																																
Florence 2	.....do																.06												T.				0.06
Garnett	Savannah	T.	T.																								T.		.02				0.02
Georgetown	Coast													T.		T.													T.				T.
Kingstree	Black								.12								.10											.27					0.49
Orangeburg 1	Edisto							.19	.03								.08										.03		.18				0.51
Orangeburg 2	.....do							.29								.70												.25					1.24
Paris Island	Coast																																0.00
Pinopolis	Cooper																										.30						0.30
Rimini	Santee																											.60					0.60
St. George	Edisto																										T.						T.
Society Hill	Pee Dee								.35						.03	.09												.70	.10				1.27
Summerville	Ashley						.03																				.04		.25				0.32
Wedgefield	Wateree																.25												.30				0.55
Yemassee	Ashepoo																										T.						T.
Western Portion.																																	
Aiken	Edisto								.31								.09			.29							.05		.13				0.87
Anderson	Savannah							.15	.01						.08														.23				0.47
Blairs	Broad								.51																				.37				0.88
Calhoun Falls	Savannah								.60								T.			T.													0.60
Camden	Wateree								.30								.10				.04								.20				0.64
Catawba	Catawba								.19											.10								T.	.60				0.89
Chappells	Saluda								.45											.09									.45				0.99
Chester	Broad							.39							T.	.11													.13				0.63
Clemson College	Savannah		.05					.04							.17					.05								T.					0.31
Columbia ***	Congaree							.12							T.					T.							T.	.16	.16				0.44
Due West***	Savannah		T.					.28						T	.05			T.										.14	.05				0.52
Edgefield	Savannah								.45							.05												.08	.10				0.68
Gaston Shoals	Broad		.02	.07					.03							.05				.08									.71				0.96
Greenville ***	Saluda		.02					.02								.10				.05								.23	.06				0.48
Greenwood	.....do								.50																				.40				0.90
Heath Springs	Wateree							.44																					.49				0.93
Kershaw	Lynches								.43																				.48				0.91
Landrum	Broad		.04																	12							T.	.21	.53				0.90
Laurens	Saluda							.21																				.31					0.52
Liberty	Savannah	T.	.02					.01							.04													T.	.20				0.27
Little Mountain	Saluda																												.68				0.68
Monetta	Edisto							.16	.12											.09							T		.30				0.67
Newberry	Saluda							.55								.15												.52					1.22
Pelzer	.....do			.02				.12	.06								.06			.02									.32				0.60
Saluda	.....do																																
Santuck	Broad							.27								.07				.03									.60				0.97
Spartanburg	.....do		T.	.04				T.	T.						T.		.04			.09								T.	.40				0.57
Trenton	Edisto							.43								T.	.45			T							T.						0.88
Walhalla	Savannah		.03					.15									.10			.10								.20					0.63
Winnsboro	Broad								.45											.05									.48				0.98
Winthrop College	Catawba		.01					.06								.03			.06								.01	.64				0.81

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.3	78	18	0.82	4				nw.
1888	52.7	82	22	2.77	8				
1889	54.8	84	18	3.84	6				w.
1890	58.4			0.64					
1891	51.9	82	15	2.48					ne.
1892	53.9	86	14	1.96					sw
1893	52.9	87	15	2.11	5	14	8	8	ne.
1894	52.3	83	17	2.02	4	18	7	5	nw.
1895	54.4	88	21	2.35	6	12	8	10	ne.
1896	59.1	90	26	4.00	7	12	8	10	ne.
1897	55.3	88	23	1.99	5	16	7	7	sw.
1898	51.0	82	14	4.72	10	14	6	10	ne.
1899	55.0	86	22	2.41	5	16	6	8	ne.
1900	55.6	92	22	3.32	6	13	8	9	sw.
1901	48.2	85	17	1.01	5	21	4	5	n.
1902	59.2	89	22	3.80	6	13	7	10	ne.
1903	50.9	86	10	1.40	5	14	8	8	n
1904	51.6	80	22	2.78	6	17	6	7	w.
1905	54.5	90	21	1.31	3	17	6	7	sw.
1906	53.8	89	20	0.96	3	18	8	4	ne.
1907	52.2	87	24	4.13	10	12	7	11	ne.
1908	56.6	88	24	1.60	3	16	10	4	sw.
1909	58.3	88	20	0.97	3	18	9	3	sw
1910	51.1	85	24	1.04	4	20	6	4	w.
1911	51.2	83	19	3.30	8	13	10	7	ne.
1912	52.1	84	17	2.71	4	22	4	4	w.
1913	53.5	89	18	1.79	2	21	5	4	w.
1914	52.4	86	17	3.33	6	19	4	7	w.
1915	56.3	88	24	2.36	4	22	4	4	w
1916	54.5	88	17	1.21	4	18	5	7	ne.
1917	50.4	83	16	0.82	4	21	4	5	ne.
1918	53.0	86	26	3.13	7	18	3	9	ne.
1919	56.6	92	20	0.86	3	18	6	6	ne.
1920	52.3	87	18	3.62	6	18	4	8	ne.
1921	56.9	86	24	3.11	7	13	6	11	w.
1922	54.8	88	17	0.61	3	20	5	5	ne.
Period	53.9	92	10	2.26	5	17	6	7	ne.

Daily Temperatures for November, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum																																
Blackville	Maximum	79	78	82	79	79	83	82	82	78	73	70	78	82	81	76	83	70	72	77	75	76	71	68	64	74	58	54	61	49	47	....	72.7
	Minimum	47	52	50	44	49	53	50	59	42	39	43	46	52	51	54	46	37	46	60	58	35	35	28	39	28	28	35	38	21	28	....	43.1
Charleston	Maximum	69	75	80	70	71	78	82	76	65	64	72	73	73	71	80	69	64	75	80	75	59	60	58	71	54	43	58	56	50	66	....	67.9
	Minimum	57	62	63	58	56	62	64	60	53	50	56	60	61	60	62	54	52	56	63	57	44	43	42	48	40	35	38	40	34	40	....	52.3
Cheraw §§	Maximum	74	81	78	75	75	80	70	71	65	65	74	80	75	75	79	67	67	76	78	65	60	65	71	....	....	....	....	....	63	65	....	[c]71.8
	Minimum	38	43	53	48	43	51	55	52	49	35	33	43	44	44	46	43	32	37	40	54	31	28	31	37	....	....	....	....	....	25	....	[c]41.4
Conway	Maximum	70	76	81	67	75	80	83	75	66	66	75	79	78	77	82	73	66	73	78	76	64	60	59	67	60	46	56	52	52	65	....	69.2
	Minimum	41	46	56	55	48	51	51	61	44	37	40	43	40	50	56	47	37	40	53	61	35	30	28	42	33	27	33	33	25	28	....	42.4
Darlington §§	Maximum	72	80	83	71	74	79	76	75	65	67	76	80	78	74	82	65	63	76	75	....	....	75	60	63	62	79	50	42	59	49	....	[b]69.3
	Minimum	4	45	58	50	44	50	57	56	43	35	35	44	44	45	50	45	33	37	45	56	....	34	28	26	38	32	25	30	33	24	....	[a]40.8
Ferguson §§	Maximum	73	81	81	72	70	67	81	69	63	68	80	78	78	80	82	69	74	78	77	65	66	67	65	70	50	53	59	52	63	66	....	69.9
	Minimum	42	53	56	53	48	51	53	62	43	37	41	45	44	48	33	48	36	41	61	64	28	26	27	34	36	24	29	30	22	24	....	41.3
Florence 1	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	79	84	78	64	64	62	72	62	42	62	55	56	71	....	[c]72.0
Garnett	Maximum	74	83	82	75	73	83	85	79	70	71	79	81	81	79	....	....	....	48	57	61	39	35	29	45	36	30	33	41	22	....	....	[d]46.8
	Minimum	53	57	57	54	52	58	57	61	46	43	51	49	51	52	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Georgetown	Maximum	71	80	83	74	73	80	85	83	68	68	76	80	80	82	76	65	76	80	78	72	70	65	54	70	66	48	51	57	57	70	....	70.9
	Minimum	43	50	59	50	49	49	57	61	42	40	42	44	45	56	47	42	42	47	61	35	32	33	28	42	38	25	29	25	23	27	....	41.9
Kingstree	Maximum	70	78	73	72	71	80	82	73	62	66	73	79	72	74	82	74	66	76	76	74	64	59	60	63	55	55	59	58	52	65	..	68.8
	Minimum	43	50	59	51	49	52	58	60	46	39	41	44	46	42	53	47	37	41	57	60	35	30	28	42	35	27	34	34	25	27	....	43.1
Orangeburg 1	Maximum	72	83	80	74	70	81	81	74	68	51	65	77	77	73	88	64	65	70	78	75	70	59	61	71	63	45	60	51	53	68	....	68.9
	Minimum	45	53	59	52	49	53	56	61	61	39	42	42	46	49	48	50	37	42	48	60	43	30	28	45	27	26	34	36	24	24	....	43.6
Paris Island §§	Maximum	78	80	82	76	73	80	82	80	68	68	75	76	78	80	84	65	67	78	68	57	77	75	75	72	54	44	62	53	55	75	....	71.2
	Minimum	57	57	60	55	55	59	59	63	50	47	54	57	58	58	60	54	49	54	60	58	52	61	60	41	39	37	36	39	32	36	....	51.9
St. George	Maximum	75	80	81	73	74	83	85	78	66	69	76	79	79	73	82	66	69	78	80	78	63	62	60	72	56	43	60	52	62	67	....	70.7
	Minimum	47	49	56	52	50	53	59	63	47	40	44	47	49	50	50	50	39	43	46	54	37	31	29	34	37	28	35	37	23	26	....	43.5
Society Hill §§	Maximum	70	80	78	70	72	80	71	74	63	64	74	80	75	74	81	63	65	75	78	72	58	61	61	70	48	45	52	47	52	64	....	67.2
	Minimum	40	39	49	49	44	48	51	57	43	35	33	34	44	45	45	46	34	34	38	56	32	27	27	28	31	24	27	32	23	26	....	38.0
Summerville	Maximum	78	82	82	73	77	80	84	81	68	69	88	79	80	74	83	68	69	79	77	77	63	60	61	72	56	44	60	51	55	70	....	71.3
	Minimum	48	57	59	53	50	57	58	61	44	41	47	50	49	52	53	48	42	47	56	53	36	31	30	41	35	29	29	38	25	28	....	44.9
Wedgefield	Maximum	70	82	82	80	75	80	80	78	72	70	78	82	80	72	82	64	68	76	74	76	60	64	62	70	62	60	47	54	49	64	....	70.4
	Minimum	46	52	59	50	48	55	54	58	46	37	42	48	53	47	48	46	36	45	62	57	35	34	31	42	36	33	27	34	26	32	....	44.0
Yemassee	Maximum	76	83	82	75	75	81	84	79	69	72	79	78	80	77	83	74	70	78	82	79	63	64	61	72	66	48	67	55	57	72	....	72.7
	Minimum	51	54	58	53	50	57	56	60	46	39	48	49	51	52	55	51	40	45	55	61	37	31	28	43	31	28	32	40	21	26	....	44.9
Western Portion.																																	
Aiken	Maximum	73	77	77	73	66	76	74	70	68	66	72	75	76	73	80	76	62	75	72	72	65	60	58	68	65	46	57	55	52	61	....	68.0
	Minimum	65	71	59	53	49	57	57	56	45	43	41	53	53	54	59	46	40	50	60	55	38	36	32	44	35	32	34	36	25	33	....	47.0
Anderson	Maximum	62	64	82	67	68	75	65	73	63	60	72	75	78	69	70	63	63	70	75	73	50	65	63	72	52	45	53	48	53	62	....	65.3
	Minimum	50	56	54	51	48	48	61	51	43	40	41	48	49	48	58	42	39	50	60	45	34	36	33	43	33	30	35	33	25	34	....	43.9
Calhoun Falls §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Camden §§	Maximum	75	81	80	74	75	78	80	74	64	67	75	74	78	74	73	77	69	75	74	71	60	41	62	68	51	63	59	49	55	....	....	[c]68.8
	Minimum	54	47	50	52	47	51	52	53	44	40	38	40	46	46	49	41	37	42	46	46	35	29	30	32	34	28	34	32	24	25	....	40.8
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	Minimum	....	51	51	....	46	52	....	52	44	38	41	44	41	46	....	41	36	43	43	50	31	28	22	39	31	27	33	33	22	26	....	[c]37.4
Clemson College	Maximum	74	66	78	70	66	74	72	73	65	61	69	73	74	63	69	64	59	68	72	75	65	63	60	70	64	60	53	51	50	62	....	66.1
	Minimum	48	53	46	45	46	41	56	44	35	32	33	42	42	45	56	35	33	45	57	47	27	27	24	40	30	24	33	37	18	25	....	39.0
Columbia	Maximum	70	77	78	69	68	77	72	72	64	63	72	77	75	71	78	65	63	73	71	70	56	59	60	69	47	40	56	47	49	65	....	65 8
	Minimum	49	56	59	53	48	57	59	53	46	42	43	51	53	50	57	47	40	48	62	45	36	32	33	41	36	31	35	35	27	33	....	45.2
Due West	Maximum	62	68	78	68	67	75	63	69	60	60	70	74	73	68	72	61	60	68	73	68	57	61	58	70	47	41	52	46	50	61	....	63.3
	Minimum	48	55	50	50	46	51	56	50	43	38	40	50	51	48	52	39	37	48	60	43	33	34	29	43	32	29	34	30	23	29	....	42.4
Greenville	Maximum	63	62	76	65	65	72	66	70	61	59	67	72	68	67	66	60	60	66	73	63	56	59	58	69	46	41	50	41	48	59	....	61.6
	Minimum	49	55	50	52	50	48	60	52	46	41	39	47	48	49	51	46	41	48	58	39	33	35	34	42	32	29	33	33	26	32	....	43.3
Greenwood	Maximum	65	65	71	76	67	65	74	64	67	60	59	69	72	74	68	73	60	59	70	71	68	59	59	58	56	42	40	57	46	55	....	63.0
	Minimum	46	47	53	50	45	48	57	50	43	37	38	41	50	48	52	41	35	35	47	51	35	34	34	35	30	32	32	34	25	25	....	41.0
Heath Springs	Maximum	74	73	74	70	67	72	68	69	67	63	67	73	73	68	74	70	68	71	71	70	65	60	55	66	64	64	56	52	48	61	....	66.4
	Minimum	43	50	54	48	44	56	58	53	41	36	38	41	41	45	56	35	34	38	51	52	32	32	30	41	28	25	31	32	24	34	....	80.8
Kershaw	Maximum	70	78	78	70	70	77	70	70	60	62	71	75	74	71	76	72	62	73	74	73	60	59	58	68	54	42	56	52	51	68	....	66.5
	Minimum	41	50	53	49	44	44	51	54	43	38	36	48	48	45	53	43	34	41	59	52	33	29	27	43	30	24	31	32	22	32	....	41.0
Landrum	Maximum	66	63	76	65	66	75	69	72	62	61	70	75	68	69	67	62	61	66	74	68	59	57	59	64	50	43	52	42	50	60	....	63.0
	Minimum	45	49	50	47	47	38	55	52	44	31	30	41	44	46	55	41	30	40	53	45	29	34	37	14	31	26	30	32	29	27	....	40.1
Laurens §§	Maximum	65	68	78	62	62	71	65	70	60	58	70	75	71	68	72	60	60	71	69	61	55	51	59	70	48	43	64	49	60	62	....	62.9
	Minimum	42	45	48	50	41	50	54	44	37	35	36	37	40	41	51	36	30	33	48	45	28	26	26	28	34	27	30	34	19	21	..	37.2
Liberty	Maximum	67	66	77	71	70	74	68	71	64	59	69	73	71	68	67	65	58	64	76	71	59	60	59	69	54	48	51	49	50	61	....	64.3
	Minimum	51	53	51	58	47	44	62	41	38	35	32	42	46	47	35	35	34	40	45	47	27	38	36	44	28	25	33	32	21	28	....	39.8
Little Mountain	Maximum	70	73	76	73	69	68	65	62	60	59	70	71	73	77	75	70	65	69	74	72	59	59	58	68	58	42	53	49	49	55	....	64.7
	Minimum	46	50	53	49	45	45	44	43	42	36	39	45	50	46	58	48	35	40	48	50	34	35	33	42	30	28	33	32	32	40	....	41.7
Monetta	Maximum	71	79	79	72	68	77	74	72	66	64	74	78	75	71	78	74	63	73	70	71	65	59	59	68	62	43	55	52	51	63	....	67.8
	Minimum	48	54	59	52	49	55	56	55	46	40	48	52	52	50	56	45	38	46	61	54	36	34	30	45	35	30	34	34	25	31	....	44.5
Newberry	Maximum	70	72	69	71	70	78	65	71	65	63	72	78	75	69	76	70	62	74	72	70	58	63	60	60	50	43	56	49	52	63	....	65.4
	Minimum	44	55	51	52	44	56	58	49	45	36	36	45	46	47	55	38	34	43	59	50	31	30	30	35	30	29	34	33	22	26	....	41.4
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Santuck	Maximum	70	74	78	69	71	77	65	72	61	64	71	76	72	70	75	66	63	73	77	68	59	61	60	69	56	44	56	51	51	62	....	66.0
	Minimum	39	50	50	43	38	49	52	42	34	30	31	41	40	41	50	32	29	39	51	48	26	25	23	36	34	23	32	33	18	22	....	36.7
Spartanburg	Maximum	67	63	77	67	66	76	70	71	61	59	70	73	68	69	71	65	60	69	76	67	55	58	58	67	56	43	55	45	48	61	....	63.7
	Minimum	45	54	51	47	44	46	57	41	38	34	33	41	44	48	55	38	34	42	57	50	29	28	27	40	32	23	30	32	20	30	....	39.7
Trenton	Maximum	70	77	76	70	70	72	75	64	64	70	76	76	77	77	77	72	63	72	69	69	60	59	61	65	58	40	54	52	51	63	....	66.6
	Minimum	47	49	54	48	47	46	47	46	39	44	44	52	57	51	51	44	40	49	53	49	37	37	34	43	34	31	34	33	25	34	....	43.3
Walhalla	Maximum	60	67	81	67	66	71	67	74	64	60	70	75	74	70	66	64	60	69	79	69	57	64	63	72	55	43	55	48	51	63	....	64.8
	Minimum	51	53	47	47	47	43	55	35	33	31	37	41	45	44	56	32	30	39	54	40	24	25	24	39	28	23	31	31	17	18	....	37.3
Winnsboro §§	Maximum	70	79	79	70	69	77	65	70	61	63	71	76	....	....	....	....	....	73	71	69	57	59	59	66	47	42	56	47	51	62	....	[c]64.4
	Minimum	44	45	54	49	45	46	58	51	43	38	39	41	50	....	....	....	....	....	48	52	33	32	30	32	31	27	28	33	23	....	....	[f]40.5
Winthrop College	Maximum	72	76	72	71	70	78	67	68	72	64	70	74	70	71	73	66	62	69	73	67	59	59	60	68	54	52	55	45	50	61	....	65.6
	Minimum	42	50	46	43	44	51	49	51	40	34	44	47	45	45	54	38	32	48	46	54	29	29	27	37	33	25	32	32	22	30	....	40.0

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

NSC

UNIVERSITY OF ILL

JAN 29 1923

JAN 29

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., DECEMBER, 1922. No. 12.

GENERAL SUMMARY.

Remarkably mild weather prevailed; in fact, the month was the warmest December since 1889. There were three extended warm periods and three short cool periods. Precipitation was much above normal, but was badly distributed as to areas and amounts.

The dry weather of November was followed by practically three weeks of rain, which, together with the unusually mild weather, was generally favorable for germination and condition of winter cereals, and winter gardens and truck showed general improvement at the end of the month. Wheat and oats were being pastured.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.14 inches. The highest pressure was 30.55 inches at Asheville, N. C., on the 6th, and in the Section proper, 30.51 inches at Columbia on the 11th; the lowest pressure was 29.48 inches at Charlotte, N. C., on the 28th and in the Section proper, 29.53 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 37 stations, was 51.0°, or 4.6° above the normal. The highest temperature was 86° at Summerville on the 2d. The warm periods were from the 1st to the 10th, 14th to 17th, and 24th to 28th, when the daily means ranged 5° to 20° above normal. The lowest temperature was 22° at Anderson on the 20th. The three short periods of cool weather were from the 11th to the 13th, 19th to 21st, and on the 29th and 30th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 86%; noon, 71%; 8 p. m., 79%. The highest percentages occurred along the coast and in the Piedmont, and the lowest, over the central counties.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 4.90 inches, or 1.50 inches above the normal. General cloudiness or rainy weather prevailed during the first three weeks, especially in the western portion, and the month closed with intermittent rains. The rainfall was badly distributed, with 5 to over 9 inches on the coastal plain and in the Piedmont sections, and less than 4 inches in an extensive area of the central counties. The greatest local monthly amount was 9.81 inches at Liberty, and the least local monthly amount was 2.61 inches at Columbia. The greatest amount during any 24 hours was 3.76 inches at Summerville on the 20th. The number of rainy days was 62% above normal.

A glaze or frozen rain storm occurred in most of the Section on the 20th, and snow flurries occurred at a few stations up-State on the 14th and 20th.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 8.2 miles. The highest average velocity was 11.8 miles per hour at Savannah, Ga., and in the Section proper, 11.3 miles per hour at Charleston; the lowest average was 5.4 miles per hour at Augusta, Ga., and Charlotte, N. C., and in the Section proper, 6.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 42 miles per hour at Savannah, Ga., on the 28th, and in the Section proper, 38 miles per hour from the west at Due West on the 15th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 117.0 hours, or 38% of the possible amount. The average number of clear days was 10; partly cloudy, 5, and cloudy, 16, as against normals of 14, 6, and 11 days, respectively. The number of rainy days was exceeded but once (in 1914) in the history of the Section.

RIVER CONDITIONS.

Abundant rains in the western counties up to the 17th were followed by moderate freshet conditions in the Savannah, Salnda, and Broad Rivers to the 21st, and in the Santee River at Rimini and Ferguson at intervals from the 21st to the 31st.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing.—All stations have reported killing frosts or freezing temperatures, except Charleston.

Halos—Lunar: Charleston, 30, 31; Columbia, 30; Liberty, 5; Santuck, 6, 31; Walhalla, 9. *Solar:* Due West, 6, 13, 19, 30; Greenville, 6, 13, 19.

Thunderstorms.—Charleston, 9; Due West, 7, 9, 15; Greenville, 9, 15; Liberty, 9, 15; Little Mountain, 17; Monetta, 15; Santuck, 9, 15; Walhalla, 15, 27.

ERRATA.

NOVEMBER, 1911.—On page 4, Annual, 1911, and in subsequent comparative tables, the number of partly cloudy days should be 7, and cloudy days, 10.

ANNUAL, 1911.—Page 4, total annual number of partly cloudy days should be 117, and cloudy days, 87.

MISCELLANEOUS DATA FOR DECEMBER, 1922.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.16	44.6	71	23	4.93	1.21	8.4	se.	84	68	71	32
Augusta, Ga.	30.15	53.8	77	32	3.36	1.12	5.4	e.	87	69	79	34
Charleston, S. C.	30.14	56.3	79	34	4.61	2.19	11.3	sw.	88	71	83	58
Charlotte, N. C.	30.15	46.6	72	24	4.47	1.06	5.4	sw.	84	70	77	36
Columbia, S. C.	30.16	52.0	76	29	2.61	0.70	6.9	ne.	84	65	74	29
Due West, S. C.	30.18	48.6	73	28	4.25	1.09	8.4	sw.	90	74	...	30
Greenville, S. C.	30.13	47.8	68	27	6.80	2.34	8.6	ne	84	77	80	34
Savannah, Ga.	30.15	57.2	79	36	3.65	1.61	11.8	sw.	84	68	78	39
Wilmington, N. C.	30 06	53.2	76	30	3.81	0.88	7.9	sw.	87	71	83	50
Means and extremes	30.11	51.1	79	23	4.28	2.34	8.2	sw.	86	71	79	38

Climatological Data for December, 1922.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.			Number of days.					Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation 0.01 in. or more.	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	38	51.6	+4.2	79	3	30	†21	30	2.67	−0.56	1.00	0	6	20	0	11	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	51	56.3	+4.6	79	3	34	20	23	4.61	+1.46	2.19	0	15	8	5	18	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	40	48.6	+4.8	75	5	28	30	39	5.28	+1.14	1.17	0	12	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	32	54.4	+6.9	79	† 2	29	30	41	5.24	+2.03	1.34	0	12	8	4	19	sw.	Paul Quattlebaum.
Darlington	Darlington	175	27	°50.4	+5.2	d78	6	°28	30	°38	4.52	+1.64	1.10	0	13	9	2	20	.....	D. C. McCall.
Effingham	Florence	106	31	.....	.....	.....	.....	.....	.....	.....	4.87	+1.64	1.18	0	10	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	36	53.7	+5.7	82	3	27	30	33	4.33	+1.36	1.27	0	10	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. K. Gilbert.
Florence 2	....do	136	7	.....	.....	.....	.....	.....	.....	.....	5.66	+2.71	1.60	0	12	9	4	18	nw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	4	f55.4	.....	82	4	f32	20	f39	4.22	.....	1.03	0	15	7	5	19	ne.	Maner B. Robert.
Georgetown	Georgetown	12	29	55.4	+6.5	83	3	29	†19	41	7.62	+4.17	2.05	0	10	12	8	11	w.	A. P. Hazard.
Kingstree	Williamsburg	54	40	53.8	+6.5	80	† 3	30	†20	39	4.25	+1.20	1.24	0	10	15	0	16	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	6	53.7	.....	80	† 1	30	30	41	4.04	.....	0.81	0	15	8	16	7	sw.	U.S. Fisheries Station.
Orangeburg 2	....do	264	2	.....	.....	.....	.....	.....	.....	.....	4.54	.....	0.90	0	13	9	6	16	nw.	State A. and M. College.
Paris Island	Beaufort	13	41	57.1	+5.6	81	† 3	30	20	36	6.10	+3.25	1.80	0	6	8	8	15	n.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	8	.....	.....	.....	.....	.....	.....	.....	4.15	.....	0.80	0	10	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	39	d53.2	+4.4	d78	9	29	30	d34	4.35	+1.42	1.50	0	9	11	14	6	.....	R. L. Utsey.
Society Hill	Darlington	192	31	°49.2	+3.8	°77	5	°28	†20	°33	5.88	+2.78	1.40	0	14	9	3	19	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	24	54.3	+6.0	86	2	31	30	45	7.59	+4.24	3.76	0	12	13	4	14	ne.	E. P. Lawton.
Wedgefield	Sumter	249	32	.....	.....	.....	.....	29	29	.....	3.45	+0.26	0.90	0	10	28	3	0	ne.	W Hampton Ramsey.
Yemassee	Hampton	24	33	55.6	+7.7	82	3	31	30	38	7.35	+4.23	1.55	0	9	13	0	18	ne.	W. C. Hutson.
Division means and	extremes	.....	.....	53.5	+4.3	86	2	27	30	45	5.04	+1.96	3.76	0	11	12	5	14	ne.	
Western Portion.																				
Aiken	Aiken	527	60	53.4	+6.1	79	3	29	20	32	3.41	°−0.20	0.66	0	10	11	1	19	ne	Frank B. McCoy.
Anderson	Anderson	764	29	49.0	+5.2	75	3	22	20	30	5.09	−0.22	1.39	0	15	8	3	20	w	H. H. Russell.
Blairs	Fairfield	293	17	.....	.....	.....	.....	.....	.....	.....	4.31	−0.41	1.18	0	13	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	23	48.8	.....	76	2	28	† 1	45	4.52	−0.28	1.01	0	11	10	4	17	ne.	L. M. Parker.
Camden	Kershaw	222	72	50.2	+2.1	77	8	28	24	37	3.32	−0.08	0.78	0	14	14	1	16	sw.	Henry A. Brown.
Catawba	York	562	16	.....	.....	.....	.....	.....	.....	.....	4.50	+0.51	0.70	0	14	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	17	.....	.....	.....	.....	.....	.....	.....	3.00	−1.45	0.84	0	10	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	.....	.....	.....	.....	.....	30	23	.....	4.16	.....	0.50	T.	17	9	6	16	se.	J. C. Cornwell.
Clemson College	Oconee	850	30	49.0	+5.3	72	3	24	30	39	9.10	+3.88	3.20	0	17	9	4	18	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	36	52.0	+4.8	76	3	29	20	29	2.61	−0.29	0.70	0	14	6	6	19	ne	U. S. Weather Bureau.
Due West	Abbeville	711	8	48.6	.....	73	3	28	20	34	4.25	.....	1.09	0	15	7	0	24	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	8	.....	.....	.....	.....	.....	.....	.....	3.63	.....	0.58	0	9	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	19	.....	.....	.....	.....	.....	.....	.....	4.74	+0.20	1.05	T.	15	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	38	47.8	+6.6	68	8	27	20	27	6.80	+2.09	2.24	T.	18	7	7	17	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	38	48.6	+5.6	73	4	27	†30	32	3.45	−0.98	0.67	0	11	10	0	21	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	20	49.2	+7.0	69	† 1	26	†20	30	4.53	+0.80	0.90	0	12	8	20	3	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	6	49.6	.....	74	3	26	20	34	4.06	.....	0.87	0	15	12	0	19	w.	John W. Hamel.
Landrum	Spartanburg	1063	7	°47.4	.....	°72	3	26	30	°37	5.86	.....	1.04	0	15	8	10	13	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	4	47.2	.....	74	† 3	25	30	35	4.84	.....	0.92	0	14	3	9	19	.....	Perry A. Simpson.
Liberty	Pickens	900	22	47.6	+4.8	72	3	27	30	34	9.81	+3.56	2.69	T.	19	6	6	19	sw	John T. Boggs.
Little Mountain	Newberry	711	29	50.8	+5.2	73	† 3	27	20	30	3.63	+0.34	1.00	0	11	13	0	18	w.	J. M. Sease, M. D.
Monetta	Saluda	400	15	51.9	+5.6	76	3	29	20	31	2.82	−0.60	0.62	0	12	6	9	16	sw.	Joseph M. Johnson.
Newberry	Newberry	502	18	50.4	+6.1	76	3	29	21	37	4.30	−0.01	1.45	0	9	11	3	17	ne.	Sue Ella Peterson.
Pelzer	Anderson	850	18	.....	.....	.....	.....	.....	.....	.....	6.92	+1.54	2.24	0	16	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. A. Hunt.
Santuck	Union	512	29	48.8	+5.7	73	3	23	30	39	4.33	+0.17	0.63	T.	17	7	6	18	s.	E. W. Jeter.
Spartanburg	Spartanburg	875	45	47.3	+5.1	70	1	26	20	34	5.59	+1.35	1.57	T.	14	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	29	.....	.....	75	† 3	29	20	†21	3.28	+0.42	0.90	0	7	12	3	16	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	22	47.4	+4.1	73	3	26	†20	37	8.51	+3.24	3.42	0	19	6	7	18	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	28	49.2	+6.5	75	3	27	20	28	3.80	+0.39	1.21	0	11	9	5	17	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	22	48.6	+5.6	78	8	25	20	38	5.72	+1.47	0.80	0	16	7	4	20	n.	W. T. Clawson.
Division means and	extremes	.....	.....	49.2	+5.0	79	3	22	20	45	4.81	+0.53	3.42	T.	14	9	5	17	ne.	
Section means and	extremes	.....	.....	51.0	+4.6	86	2	22	20	45	4.90	+1.50	3.76	T.	13	10	5	16	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for December, 1922.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale |||	Savannah																				1.00	1.00						.25				2.67
Blackville |||	Edisto						.15	.12	.15																							
Charleston ***	Coast						.02	.12	T.	.19	T.	.17	T.			.01	.65	.12	.38	.36	2.18	.02	.05		.01			.26				.07	4.61
Cheraw |||	Pee Dee			.12	.73	.06			T.	.21	.61			.10			.28	.54	.07	.63		1.17						.76				5.28
Conway |||	Waccamaw				.23			.80	T.		.08		.03				.34	.04	.04	1.23	.16	1.34	.15					.80				5.24
Darlington |||	Pee Dee				.66			T.			.97		.07			.63	.07	.10	.12	.67	.05	1.10	.03					.65				4.52
Effingham |||	Lynches				.40			T.			1.18			.07			T.	.20	.20	.80	.15	1.11	.09					.67				4.87
Ferguson |||	Santee							.66		T.	.14		.12				.24		.53	1.27	.52	1.03	.02					.40				4.33
Florence 1 |||	Pee Dee																															
Florence 2 |||	do				1.00			.18			.58			.08			.14	.12	.08	.78	.35	.90					1.00			.50	5.66
Garnett	Savannah						.07		.11	.10	.07	.18	T.			.25	.20	T.	.82	.95	1.03	.04	.01			.62		.28	.09		T.	4.22
Georgetown	Coast							.99	T.				.38				.25		.47	.60	1.70	2.05	.18				.35	.65				7.62
Kingstree |||	Black							.15			.60		.09				.15	.10	.10	1.24	.25	1.15						.42				4.25
Orangeburg 1	Edisto							.35	.04	.04	.32	.07				.14	.18	.81	.18	.81	.34	.67	T.				.24	.32		.03		4.04
Orangeburg 2	do						.32	.15	.15		.34					.28	.15	.10	.90	.25	.36	.40					.50				.59	4.54
Paris Island	Coast																1.20	.50		1.80	.80	1.50						.30				6.10
Pinopolis	Cooper																															
Rimini |||	Santee							.15	.10		.80			.05			.30		.30	.75	.60	.80						.30				4.15
St. George	Edisto							T		.26	.27	T.	.23				25		.45	1.50	.35	.85	T.					.25				4.35
Society Hill |||	Pee Dee			.08	.50			.08		.02	1.40			.10			.20	.32	.05	.58	.03	1.00						.68			.84	5.88
Summerville	Ashley							.11			.21	.23	.02			.08	.37		.43	1.78	3.76	.18				.22	.20					7.59
Wedgefield	Wateree							.10			.90			.15			.25	.10	.25	.70	.20	.50						.30				3.45
Yemassee |||	Ashepoo							T.		T.	.38		1.55				.20	.25	1.15	1.48	.96	1.04						.34				7.25
Western Portion.																																	
Aiken	Edisto									.61	.66					.43		.34	.15	.60	.21	.13					.22	.06				3.41
Anderson	Savannah		T.	.02	.17			.06	.37	.27	.04		.40			.65		1.39	.23	.25	.19						.71	02			.02	5.09
Blairs |||	Broad			T.	.74				.15	.10	.19			.16			.41	.14	.10	.72	.04	1.18	.10					.28				4.31
Calhoun Falls |||	Savannah							.04	.44	.30	.30			.35	T.		1.01	.30	.30	.70		.40						.38				4.52
Camden |||	Wateree				.20			.04		.04	.50		.04	.03			.23	.10	.24	.64	.03	.78	.04					.41				3.32
Catawba |||	Catawba			.33	.42	.05			.10	.18	.22	.42		.20			.42	.20	.15	.61		.70						.50				4.50
Chappells |||	Saluda								.28	.25	.12			.20			.25	.11	.13	.84		.62						.20				3.60
Chester	Broad		.24	.65	.48	.02		.05	.61	.50	.19		.20			.32		.32	.08	.34	.35	.33					.28	.10				4.16
Clemson College	Savannah		.31	.10	.77			.09	.32	.50	.04	.03	.31	.02	.08	.80		3.20	.05	.33							.94				1.21	9.10
Columbia ***	Congaree				T.		T.	.01		.55	.01	.04	.08			.16	.68	.28	.53	.17	.30	.19					.18				.03	2.61
Due West***	Savannah		T.	T.	.04	T.		.33	.13	.41	.02	T.	.31		T.	.58	.06	.39	.49	.04	.31	.14					.46				.54	4.25
Edgefield |||	Savannah									.45	.25						.48	.22	.18	.58		.47	.10					.30				3.43
Gaston Shoals |||	Broad		.02	.28	.12			.06	.12	.24	.35		T.	.10		.26	.50	1.05	.38	.39		.26						.61				4.74
Greenville ***	Saluda		.21	.10	.59			.14	.14	.49		.01	.17		.06	.63	.05	2.29	.22	.04	.08	.03					.86				.69	6.80
Greenwood |||	do								.33	.19	.21			.31			.53	.13	.18	.67		.65	.03					.22				3.45
Heath Springs	Wateree				.49			.08	.10	.12	.32		.22			.32		.22	.66	.90							.34				.76	4.53
Kershaw |||	Lynches			.02	.53	.09		.07	.06		.44		.07	.16		.28		.24	.05	.75		.87	.07					.36				4.06
Landrum	Broad		.41		.15			.08	.09	.52	.05	.04	.19			1.02		1.04		.06	.08	1.03					1.06				.04	5.86
Laurens |||	Saluda		.01	.01	.92	.01	.05		.40	.36	.35		.35			.53		.25		.51	.61						.48					4.84
Liberty	Savannah		.20	.35	.79	T.		.11	.40	.45	.25	.05	.30		.20	.80	T.	2.09	.04	.50	.06	.07					.85	.25			1.45	9.81
Little Mountain	Saluda								.05	.30	.20		.10			.86		.38	.14		1.00	.30					.30				.50	3.63
Monetta	Edisto									.62	.22		.07			.32	.01	.36	.16	.49	.27	.02					.24	.04				2.82
Newberry	Saluda				.52	.30				.60			.15			.48		.10	.40		1.45						.30					4.30
Pelzer |||	do				.18	.58	.02		.04	.18	.34	.10	T.	.02	.26		.04	.76	2.24	.66	.42		.32				T.	.76				6.92
Saluda	do																															
Santuck	Broad	.08	.04	.63				.04	.39	.44	.08		.21			.31	T.	.35	.04	.53	.23	.56					.29	.08			.03	4.33
Spartanburg |||	do		T.	.13	.53	T.		.02	.10	.55	.14		T.	.15		.12	.65	1.57	.54	.28	T.	.22						.59				5.59
Trenton	Edisto						T.	T.	T.	.90	.11		T.			.70	.22		.65		.47					.23						3.28
Walhalla	Savannah		.19	.12	.43			.08	.42	.30	.01	.02	.35		.15	.66		3.42	.08	.15						1.15	.43			.55	8.51
Winnsboro |||	Broad				.22				.17	.15	.17			.42			.37	.22	.12	.72		1.21					.33				3.80
Winthrop College	Catawba		.15		.32				.50	.80	.50		.50			.41	.07	.55	.06	.75	.55	.10					.10	.28			.08	5.72

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR DECEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	44.9	76	18	4.65	10				ne.-e.
1888	42.7	71	13	3.56	7				
1889	55.4	79	17	0.53	1				sw.
1890	45.9			2.25					
1891	49.9			1.91					
1892	47.1	76	6	2.45					
1893	47.2	79	17	3.05	6	17	7	7	sw.
1894	48.1	85	−1	2.56	7	15	8	8	nw.
1895	46.1	80	15	3.04	6	16	7	8	nw.
1896	44.0	83	8	3.55	7	17	6	8	ne.
1897	47.6	82	21	2.40	8	11	8	12	ne.
1898	45.9	77	9	2.81	8	12	7	12	nw.
1899	44.6	79	11	2.33	7	15	8	8	nw
1900	45.5	79	18	5.64	8	14	7	10	n.
1901	44.0	80	2	5.01	11	13	5	13	n.
1902	46.8	85	10	4.26	7	14	6	11	nw.
1903	41.0	72	10	1.95	6	20	5	6	w.
1904	45.5	78	16	2.79	9	14	5	12	w.
1905	45.2	77	16	7.25	10	12	4	15	ne.
1906	48.0	89	11	3.25	7	14	8	9	sw
1907	46.2	75	12	5.81	10	14	7	10	w.
1908	50.6	83	23	2.84	7	13	9	9	w.
1909	42.8	84	7	2.81	7	17	7	7	nw.
1910	42.0	76	12	2.36	5	18	7	6	w.
1911	49.8	85	18	4.94	9	11	7	13	ne.
1912	48.8	79	18	2.88	8	12	5	14	sw
1913	47.8	77	16	4.25	9	10	7	14	w
1914	43.9	80	11	4.80	13	6	6	19	ne.
1915	44.2	79	17	3.27	7	18	5	8	w.
1916	46.7	79	11	2.43	9	16	6	9	w.
1917	37.7	82	−6	1.47	6	15	6	10	ne.
1918	50.8	82	17	5.35	9	12	6	13	w.
1919	46.5	87	15	3.45	6	16	6	9	ne.
1920	46.1	75	18	4.01	8	15	5	11	w.
1921	50.3	80	20	1.54	5	16	7	8	w.
1922	51.0	86	22	4.90	13	10	5	16	nw.
Period	46.4	89	−6	3.40	8	14	6	11	w.

Daily Temperatures for December, 1922.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum																																
Blackville	Maximum	69	74	79	75	75	60	62	65	73	67	68	70	69	65	60	55	50	44	40	34	34	34	45	64	68	70	70	59	53	55	60	60.2
	Minimum	44	53	59	57	56	55	47	55	59	43	42	45	49	42	40	40	38	36	35	32	30	32	36	38	40	42	49	47	31	30	31	43.0
Charleston	Maximum	71	77	79	77	78	65	71	76	72	65	48	61	58	67	72	61	74	63	45	41	45	55	62	66	67	66	66	64	53	52	64	63.9
	Minimum	71	77	79	77	78	65	71	76	72	65	48	61	58	67	72	61	74	63	45	41	45	55	62	66	67	66	66	64	53	52	64	63.9
Cheraw §§	Maximum	52	54	59	59	58	55	52	61	62	45	42	45	48	48	56	56	56	41	37	34	37	44	41	45	47	52	52	44	39	40	48	48.7
	Minimum	72	65	69	60	75	65	52	74	67	48	51	50	53	61	73	55	50	48	41	35	49	59	62	62	72	72	62	56	52	54	59	58.8
Conway	Maximum	33	41	48	51	51	37	41	46	59	40	35	38	31	37	42	49	40	39	34	29	31	33	29	35	33	34	36	45	31	28	33	38.4
	Minimum	71	79	79	71	77	76	67	75	76	65	48	60	57	65	75	71	75	69	45	40	45	57	63	67	67	72	63	67	55	52	65	65.0
Darlington §§	Maximum	38	51	59	58	57	46	48	54	59	42	36	44	38	44	49	53	49	42	37	31	37	42	31	36	36	38	45	52	37	29	37	43.7
	Minimum	73	74	76	70	78	66	60	76	74	45	49	56	53	61	74	52	56	46	41	35	49	59	64	....	....	....	....	60	55	53	62	[d]59.9
Ferguson §§	Maximum	52	53	54	54	40	46	50	58	43	35	38	40	34	42	49	42	40	36	29	30	35	29	35	....	....	....	....	....	35	28	33	[e]40.8
	Minimum	71	80	82	79	79	67	65	71	78	59	56	56	57	73	73	74	62	47	42	40	50	56	65	59	69	71	66	56	54	64	66	64.1
Florence 1	Maximum	49	48	56	58	58	55	47	51	57	42	39	41	42	43	47	57	46	42	38	31	31	29	34	35	40	38	40	49	36	27	39	43.3
	Minimum																																
Garnett	Maximum	72	79	80	82	77	71	68	72	76	67	48	61	60	70	75	64	77	65	45	42	45	59	65	69	70	74	64	64	58	57	67	65.9
	Minimum				52	57	51	48	56	57	46	40	43	47	47	51	57	60	44	39	32	34	34	30	35	..	42	46	..	35	....	41	[f]45.0
Georgetown	Maximum	71	81	83	79	81	70	71	75	75	70	50	60	59	68	76	70	78	78	47	47	43	58	65	68	70	74	70	67	56	51	65	67.0
	Minimum	40	52	60	59	58	50	50	55	56	43	36	38	40	44	51	54	50	43	29	32	36	40	31	38	44	44	44	45	35	29	36	43.9
Kingstree	Maximum	71	79	80	76	77	69	62	78	80	65	47	56	57	61	73	72	74	66	47	37	45	57	57	69	69	72	66	57	53	65	65	64.6
	Minimum	40	51	60	59	59	51	46	53	62	42	38	42	39	42	48	53	50	42	36	36	34	40	30	30	30	41	47	46	35	30	31	43.1
Orangeburg 1	Maximum	80	80	80	78	76	70	61	75	78	71	54	54	53	61	74	74	72	62	41	40	46	59	64	67	68	73	67	64	54	52	65	64.9
	Minimum	39	49	49	53	56	54	44	53	61	43	38	38	40	40	50	50	53	41	37	32	32	39	31	34	40	38	45	46	33	30	38	42.8
Paris Island §§	Maximum	75	79	81	81	79	64	80	78	80	69	80	70	72	76	74	70	78	55	47	47	46	60	80	65	70	69	65	63	60	55	65	68.8
	Minimum	48	51	55	55	57	55	50	55	58	55	45	45	42	40	46	45	55	50	38	30	33	36	41	54	40	42	48	51	42	35	41	46.4
St. George	Maximum	73	....	....	....	....	65	71	71	78	59	48	60	60	67	74	66	74	49	44	37	47	59	65	67	71	70	70	60	56	56	69	[d]62.1
	Minimum	42	50	53	55	55	48	48	50	62	57	40	40	44	44	45	57	57	45	38	32	32	37	31	35	40	39	39	53	35	29	34	44.1
Society Hill §§	Maximum	....	72	74	62	77	66	53	72	70	53	49	50	52	59	72	50	51	51	42	35	49	60	62	67	68	71	63	57	53	50	60	[e]59.0
	Minimum	....	39	52	53	57	47	39	48	52	52	35	35	34	34	41	48	41	40	35	28	28	35	30	35	36	37	36	47	33	29	29	[e]39.5
Summerville	Maximum	65	86	78	78	80	72	74	78	76	66	48	58	57	56	61	63	71	63	47	39	44	55	48	66	60	73	64	67	56	55	68	63.6
	Minimum	41	51	50	55	54	56	49	57	57	44	40	44	45	44	50	57	56	42	38	33	35	41	33	37	41	44	47	48	34	31	41	45.0
Wedgefield	Maximum																																
	Minimum	45	52	59	50	48	55	54	58	46	37	42	48	52	47	44	46	36	41	62	57	35	31	31	42	36	33	29	34	26	32	35	42.3
Yemassee	Maximum	74	79	82	80	78	72	73	73	75	68	48	60	58	71	75	67	77	66	45	42	43	60	66	70	71	75	70	65	58	56	68	66.6
	Minimum	43	48	57	57	54	50	48	56	57	47	41	40	46	45	49	57	57	43	38	33	33	36	32	36	42	48	45	47	34	31	41	44.7
Western Portion.																																	
Aiken	Maximum	72	76	79	75	74	70	63	75	73	64	45	49	51	51	70	65	70	58	43	42	48	57	57	65	67	71	70	62	54	54	64	62.5
	Minimum	48	53	57	59	57	52	47	54	60	44	36	39	39	40	53	54	50	39	36	29	30	30	33	43	40	45	49	45	36	34	40	44.3
Anderson	Maximum	71	67	75	66	67	60	54	73	67	60	45	49	49	48	63	55	52	52	44	35	50	58	61	63	66	69	58	59	55	47	43	57.5
	Minimum	43	46	59	49	51	47	44	50	57	42	35	36	33	39	43	43	39	36	33	32	32	37	31	35	40	39	39	53	35	29	34	40.4
Calhoun Falls §§	Maximum	73	76	74	66	71	60	53	74	69	48	48	50	52	65	67	55	53	44	46	38	48	56	62	63	65	71	61	49	55	48	50	58.4
	Minimum	28	39	56	57	53	50	47	47	50	48	36	34	33	33	38	49	38	38	33	28	29	32	33	33	35	42	42	45	30	31	31	39.3
Camden §§	Maximum	73	73	76	66	74	67	58	77	69	48	56	50	54	63	71	56	53	55	44	39	47	54	64	64	71	72	62	58	55	58	59	60.8
	Minimum	42	40	53	55	51	42	45	49	53	44	36	36	34	34	41	50	43	41	37	29	28	36	29	31	34	38	42	44	32	29	30	39.6
Chester	Maximum																																
	Minimum	43	54	60	49	53	41	45	50	60	41	34	35	35	38	51	43	41	36	34	32	32	34	30	34	40	35	45	43	32	31	32	[e]40.7
Clemson College	Maximum	70	68	72	71	68	66	58	71	69	61	46	49	49	45	59	58	54	54	45	44	58	62	63	63	67	69	65	60	58	57	48	59.6
	Minimum	31	51	55	51	49	41	45	49	54	49	34	37	34	40	43	43	39	37	31	30	29	32	25	28	37	32	43	42	27	24	36	38.4
Columbia	Maximum	72	73	76	68	74	62	57	76	72	61	43	50	52	59	70	58	59	51	42	34	45	56	63	64	67	71	63	63	54	49	59	60.1
	Minimum	44	56	62	56	60	50	48	54	61	36	36	39	38	41	58	45	45	38	34	29	33	36	34	42	44	45	50	39	34	32	36	43.8
Due West	Maximum	72	67	73	61	69	61	53	72	67	61	41	48	48	51	66	53	51	48	44	34	46	56	61	62	64	67	60	56	53	46	47	56.7
	Minimum	38	50	58	50	51	48	44	51	58	41	35	35	34	39	48	42	38	35	33	28	34	33	31	36	39	40	49	35	29	32	38	40.5
Greenville	Maximum	67	62	68	60	64	57	54	68	62	60	38	51	46	45	59	54	49	43	42	36	55	56	59	60	64	66	59	56	53	44	46	54.9
	Minimum	45	55	57	45	52	45	45	49	57	38	31	36	36	38	45	38	36	33	30	27	36	35	32	39	41	40	48	40	39	33	37	40.8
Greenwood	Maximum	61	67	70	73	69	68	62	55	70	67	46	39	48	51	64	66	55	51	43	45	37	45	55	61	61	64	68	60	50	54	47	57.2
	Minimum	41	44	58	53	52	47	46	45	54	43	35	35	33	34	39	51	38	40	32	29	29	32	33	34	39	44	44	46	33	27	27	39.9
Heath Springs	Maximum	69	67	67	65	67	65	60	69	68	61	57	56	52	50	63	55	49	47	44	46	47	52	56	62	65	66	64	62	57	50	53	58.4
	Minimum	44	56	59	49	45	40	44	47	60	49	33	33	33	37	45	46	39	38	33	26	26	36	32	38	40	42	43	45	32	30	33	40.1
Kershaw	Maximum	71	68	74	69	71	62	56	71	71	64	43	50	48	56	70	64	50	51	42	34	45	55	61	64	66	69	57	62	53	49	56	58.8
	Minimum	40	54	60	50	51	39	45	49	60	41	34	36	31	37	53	42	39	37	31	26	32	34	30	34	41	41	44	45	33	27	32	40.4
Landrum	Maximum	69	65	72	62	66	60	56	65	67	66	41	54	49	45	68	52	53	51	44	37	52	54	59	62	64	69	60	56	....	....	....	[e]57.6
	Minimum	34	35	56	48	50	35	44	49	55	40	32	34	31	36	43	42	37	34	28	25	30	37	28	30	32	32	41	38	36	26	36	37.2
Laurens §§	Maximum	72	68	74	57	66	62	54	70	74	47	41	49	47	64	64	53	50	43	44	38	47	51	62	64	66	68	59	52	53	41	46	56.3
	Minimum	32	37	56	51	49	44	44	47	54	42	35	34	31	33	40	50	39	39	33	28	28	33	27	29	41	34	36	46	34	25	27	38.0
Liberty	Maximum	70	67	72	66	65	61	53	70	68	61	43	48	48	45	59	55	52	51	43	41	49	50	61	63	65	68	61	57	54	51	45	56.8
	Minimum	43	54	53	48	50	40	44	48	55	40	32	35	31	37	37	37	38	35	31	28	31	34	32	31	37	35	45	41	29	27	37	38.5
Little Mountain	Maximum	70	70	73	70	69	68	70	73	69	62	59	58	55	55	68	65	62	53	44	32	43	47	52	59	65	68	60	56	52	48	53	59.6
	Minimum	45	54	60	54	59	46	45	49	50	40	39	37	35	38	52	50	48	35	32	27	31	33	38	39	40	45	44	43	38	31	35	42.1
Monetta	Maximum	71	75	76	69	71	66	59	74	70	64	45	49	53	57	69	58	65	58	42	40	45	55	62	63	65	69	66	62	53	51	61	60.7
	Minimum	44	52	59	57	54	50	46	54	60	42	35	37	37	41	54	50	46	38	35	29	31	35	34	37	40	43	47	43	34	33	38	43.1
Newberry	Maximum	73	67	76	64	67	73	62	72	72	62	45	50	53	55	67	60	53	50	45	35	45	46	60	63	66	71	60	62	55	49	55	59.1
	Minimum	36	50	51	55	54	36	53	53	59	45	35	38	38	38	52	52	36	38	33	30	29	35	33	34	40	41	45	44	31	30	42	41.6
Saluda	Maximum																																
	Minimum																																
Santuck	Maximum	71	65	73	67	67	64	53	72	71	63	45	49	49	51	68	58	59	49	45	38	47	56	62	63	66	69	62	62	55	49	49	58.6
	Minimum	32	54	61	50	51	35	44	48	59	41	35	36	29	38	50	44	37	38	33	28	31	34	28	29	41	32	39	46	28	23	32	38.9
Spartanburg	Maximum	70	67	69	66	65	59	56	68	66	61	44	50	49	46	57	55	50	50	42	38	51	54	60	62	65	68	58	53	53	52	41	56.3
	Minimum	43	53	53	47	38	38	44	49	56	40	34	34	31	37	43	41	35	36	31	26	30	35	29	33	33	34	44	43	35	28	35	38.3
Trenton	Maximum	71	73	75	75	71	66	61	74	71	62	45	48	55	....	....	....	....	....	....	....	....	....	....	....	....	....	....	45	49	42	33	34	39	[b]43.3
	Minimum	42	47	47	47	57	50	47	54	60	48	35	38	37	41	54	49	49	38	35	29	30	35	45	....	....	....	....	....	....	....	....	....
Walhalla	Maximum	71	65	73	64	72	62	55	72	64	60	44	49	49	44	60	54	56	56	44	38	48	62	63	63	69	69	62	58	56	45	44	57.8
	Minimum	36	48	48	49	48	39	43	48	48	41	33	36	27	37	40	43	40	33	29	26	31	29	26	29	35	32	42	40	28	27	37	37.0
Winnsboro §§	Maximum	70	69	75	61	68	62	56	73	70	46	41	49	51	62	68	51	53	43	44	35	46	55	62	64	61	69	62	53	54	49	59	57.5
	Minimum	46	49	57	55	53	43	43	46	55	43	34	35	34	38	39	49	40	39	34	27	28	34	34	37	43	45	45	46	32	28	34	40.8
Winthrop College	Maximum	70	60	68	62	66	68	73	78	64	65	46	45	65	50	55	59	48	45	44	39	46	61	59	63	65	69	60	59	54	46	61	58.3
	Minimum	41	54	57	48	52	55	40	47	59	40	32	34	32	35	40	35	37	32	31	25	31	30	33	38	37	40	40	40	32	28	35	39.0

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

JAN 29

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXV. COLUMBIA, S. C., YEAR 1922. No. 13.

GENERAL SUMMARY.

The year 1922 was remarkable for the greatest annual rainfall and greatest annual number of rainy days in the history of the Section, and the lowest November rainfall of record. The abnormal rains during the first part of the year resulted in a prolonged flood in the Santee River from early February to early August. Five persons were killed and 20 were injured by a tornado in Aiken County in March. Seven persons were killed by lightning from June to August, inclusive, and property damage by lightning occurred from May to August, inclusive. A series of damaging hailstorms occurred in sections of the western counties on August 2 and 3.

Mild weather prevailed during the winter and spring months, especially in February. Crops made seasonable growth, but wet soil had delayed plowing and planting nearly two weeks by the end of April. Persistent cloudiness and much rain during May further retarded farm work, and cotton and corn germinated irregularly, necessitating much replanting. Boll weevils showed increasing numbers practically everywhere. Cultivating conditions improved materally toward the end of June, but showers hampered cereal harvests. The first cotton bloom appeared near Cope, Orangeburg County on June 4. Weevils caused some damage in the southern counties. There was entirely too much rain in many sections during July, and weevil ravages increased, notwithstanding active preventive measures, with considerable damage in the eastern, central, and southern counties. The first open boll was picked near Bishopville, Lee County, on July 13. Cereal threshing was finished about the middle of the month. Abnormal rainfall continued in extensive sections of the eastern, central, and southern portions during August, and the wet weather caused considerable shedding and boll rotting in cotton, in addition to weevil ravages, which embraced the whole of the top crop and part of the young intermediate crop; other crops maintained good condition generally, except late corn. The first bale was ginned at Bamberg, Bamberg County, on 9th. September was marked by drought; all crops deteriorated, and late corn was practically beyond recovery; the boll weevil had about taken its toll for the season. October rainfall was much above normal, but good progress was made in housing fall crops, and cotton picking was practically finished by the end of the month, unusally early compared with former seasons. On account of very light rainfall in November, plowing and planting were delayed by hard soil. December was the mildest since 1889, and the weather was especially favorable for winter truck and gardens and for germinating winter grains.

The last general spring killing frosts occurred about March 21 to 24, and the first in autumn occurred about November 10-11 up-State and about November 21 to 29 elsewhere. The average latest spring killing frost date for 1922 was March 11, or 12 days earlier than normal, and the first killing frost date in autumn was November 21, or 13 days later than normal. The growing season was 257 days in length, or 25 days longer than normal.

The mean annual temperature was 64.0°, or 1.0° above normal. The warmest month was July, with a mean of 79.9°, or 0.1° above normal; coldest month, January, with a mean of 44.2°, or 1.3° below normal. The highest annual mean at any station was 68.2° at Paris Island; lowest annual mean, 61.1° at Landrum. The highest temperature was 101° at Paris Island on June 11 and July 31 and at Newberry on June 12 and July 2 and 10; lowest temperature, 14° above zero at Santuck on January 2 and at Walhalla on February 8.

Seasonal temperatures, with departures from the 36-year normal: Winter.—49.0°, +2.7°; spring.—63.7°, +0.8°; summer,—78.2°,—0.5°; autumn.—64.8°,+0.9°.

The average annual precipitation was 58.17 inches, or 10.27 inches above the normal and the greatest annual average of record. The greatest annual amount at any station was 73.18 inches at Landrum; least annual amount, 47.30 inches at Blackville. The greatest monthly amount at any station was 12.73 inches at Yemassee in August; least monthly amount, 0.00 at Rimini in September and at Paris Island in November. The average annual number of rainy days was 112; greatest number at any station, 142 at Liberty; least number, 83 at Rimini.

Seasonal precipitation, with departures from the 36-year normal; Winter.—11.69, +0.44 inch; spring.—18.04, +7.55 inches; summer.—17.75, +0.82 inch; autumn.—7.33, —1.87 inches.

During the growing season, March to September, inclusive, the total rainfall was 36.94 inches, or 5.67 inches above normal.

The total annual snowfall ranged from Traces to 8.0 inches, and the snows were confined principally to the latter part of January and to February 15, 16, and 17.

Moderate freshets in the Pee Dee and Santee River districts during portions of 9 months of the year were attended by unavoidable losses approximating $46,990, and the value of movable property saved by timely warnings has been conservatively estimated at $300,450.

The average annual atmospheric pressure, determined from 9 regular station reports, was 30 09 inches. The highest pressure was 30.67 inches at Asheville, N. C., on February 8, and in the Section proper, 30.61 inches at Due West on the same date; the lowest pressure was 29.17 inches at Asheville, N. C., on January 11, and in the Section proper, 29.25 inches at Greenville on the same date.

The average annual sunshine, determined from 9 automatic records, was 59% of the possible amount. The average annual number of clear days was 163; partly cloudy, 91, and cloudy, 111, as against normals of 171, 100, and 94 days, respectively.

The average annual relative humidity at 8 a. m. was 82%; Noon, 60%, and 8 p. m., 72%.

The prevailing wind was from the northeast. The average annual hourly velocity, determined from 9 anemometer records, was 7.9 miles. The highest velocity for any 5-minute period during the year was 54 miles per hour from the northeast at Charleston on July 30.

(CONTINUED ON PAGE 54.)

Climatological Data for the Year 1922.

Stations.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).							Number rainy days.	Sky.			Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for the year.	Greatest monthly.	Month.	Least monthly.	Month.	Total snowfall.		Number clear days.	Number partly cloudy days.	Number cloudy days.	
EASTERN PORTION.																				
Allendale	Barnwell	186	40	.....	98	June 12†	.....	.....	41	.....	8.60	Aug.	.....	.....	.....	.....	.....	.....	.....	.....
Blackville	Barnwell	296	39	65.3	100	July 31†	20	Jan. 13	39	47.30	7.28	Mar.	0.25	Nov.	3.0	90	215	60	90	.....
Charleston	Charleston	48	52	67.2	97	June 12	26	Jan. 26	52	50.62	9.56	May	0.10	Nov.	0	141	111	137	117	sw.
Cheraw	Chesterfield	144	41	64.1	96	June 18†	19	Jan. 2	41	58.69	7.52	Feb.	0.80	Sept.	1.0	91	.....	.....	.....	.....
Conway	Horry	25	26	65.3	97	June 12	20	Feb. 17	34	62.14	11.76	June	0.69	Nov.	0.2	123	173	14	178	ne.
Darlington	Darlington	175	23	64.1	97	June 12	29	Jan. 2	28	49.63	7.25	June	0.71	Nov.	1.5	111	177	42	146	.....
Effingham	Florence	106	.....	.....	.....	.....	.....	.....	32	63.67	9.31	July	0.37	Nov.	T.	96	.....	.....	.....	.....
Ferguson	Orangeburg	63	34	65.2	97	June 12†	17	Jan. 2	37	61.92	11.18	July	0.56	Nov.	2.2	120	.....	.....	.....	.....
Florence 1	Florence	136	41	.....	99	July 1	21	Feb. 17	41	.....	11.23	June	0.61	Sept.	.....	.....	.....	.....	.....	.....
Florence 2	Florence	136	6	.....	.....	.....	.....	.....	6	62.81	10.02	June	0.06	Nov.	0.4	92	168	84	113	ne.
Garnett	Hampton	82	5	67.7	99	July 1†	17	Jan. 2	5	55.36	9.46	Aug.	0.02	Nov.	T.	119	104	152	109	sw.
Georgetown	Georgetown	12	30	66.3	100	July 29†	20	Feb. 17	30	68.43	12.65	May	T.	Nov.	2.0	94	219	77	69	n.
Kingstree	Williamsburg	54	41	65.1	98	June 26	21	Jan. 2†	41	51.29	7.56	June	0.49	Nov.	0.4	101	238	14	113	ne.
Orangeburg 1	Orangeburg	264	7	65.5	97	July 30	18	Jan. 2	7	56.78	12.19	July	0.40	Sept.	2.0	124	139	167	59	sw.
Orangeburg 2	....do	264	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	1.5	.....	166	83	116	se.
Paris Island	Beaufort	13	38	68.2	101	June 11†	27	Jan. 2†	42	57.86	11.10	Aug.	0.00	Nov.	0	85	134	111	120	w.
Pinopolis**	Berkeley	54	24	.....	95	June 12	20	Jan. 2†	76	.....	10.10	July	0.30	Nov.	2.0	.....	.....	.....	.....	.....
Rimini	Clarendon	97	.....	.....	.....	.....	.....	.....	12	64.84	11.52	July	0.00	Sept.	0.2	83	.....	.....	.....	.....
St. George	Dorchester	109	40	.....	.....	.....	.....	.....	40	.....	.....	.....	T.	Nov.	.....	.....	.....	.....	.....	.....
Society Hill	Darlington	192	32	63.2	98	June 12†	19	Jan. 2	32	66.52	12.58	July	1.27	Nov.	4.5	112	224	50	91	n.
Summerville	Dorchester	75	25	66.6	98	June 12	20	Jan. 2	25	66.66	10.32	July	0.32	Nov.	T.	139	191	93	81	w.
Wedgefield	Sumter	249	1	.....	.....	.....	.....	.....	1	.....	.....	.....	0.55	Nov.	.....	.....	.....	.....	.....	.....
Yemassee	Hampton	24	34	66.8	98	July 30	20	Jan. 2	25	59.85	12.73	Aug.	T.	Nov.	T.	105	189	25	151	ne.
Division means and extremes.		.....	.....	65.6	101	June 11†	17	Jan. 2	.....	58.53	12.73	Aug.	0.00	Sept.†	1.1	102	158	89	91	ne.
WESTERN PORTION.																				
Aiken	Aiken	527	59	65.6	98	Sept. 4	20	Feb. 8	61	57.30	9.20	Mar.	0.87	Nov.	1.0	100	204	13	138	ne.
Anderson	Anderson	764	26	63.3	96	Sept. 2	20	Jan. 2†	30	54.92	8.67	Feb.	0.47	Nov.	0.5	110	188	21	156	w.
Batesburg	Lexington	656	39	.....	.....	.....	24	Jan. 26	39	.....	9.92	Mar.	.....	.....	T.	.....	.....	.....	.....	.....
Blairs	Fairfield	293	.....	.....	.....	.....	.....	.....	18	62.24	11.75	Aug.	0.06	Sept.	T.	109	.....	.....	.....	.....
Calhoun Falls	Abbeville	508	6	.....	100	Sept. 4	18	Feb. 8†	24	56.00	10.54	Feb.	0.60	Nov.	0.2	111	134	101	130	e.
Camden	Kershaw	222	44	.....	99	July 29	23	Jan. 26†	74	50.12	7.19	Mar.	0.64	Nov.	0.4	113	238	15	112	w.
Catawba	York	562	.....	.....	.....	.....	.....	.....	17	57.31	8.17	Feb.	0.89	Nov.	T.	99	.....	.....	.....	.....
Chappells	Newberry	402	.....	.....	.....	.....	.....	.....	18	61.29	9.54	Feb.	0.53	Sept.	0.7	106	.....	.....	.....	.....
Chester	Chester	487	1	.....	.....	.....	.....	.....	1	.....	.....	.....	0.63	Nov.	.....	.....	.....	.....	.....	.....
Clemson College	Oconee	850	28	62.0	94	July 29†	15	Jan. 2	31	68.30	9.16	July	0.31	Nov.	2.0	109	151	121	113	w.
Columbia	Richland	351	36	64.6	96	July 2	24	Jan. 26	36	49.84	7.39	July	0.44	Nov.	0.7	126	116	115	134	ne.
Due West	Abbeville	711	2	62.4	95	July 1†	19	Jan. 2	2	48.43	7.98	Mar.	0.33	Sept.	1.2	132	161	124	110	sw.
Edgefield	Edgefield	.....	.....	.....	.....	.....	.....	.....	10	53.97	8.65	Mar.	0.68	Nov.	T.	93	.....	.....	.....	.....
Gaston Shoals††	Cherokee	680	.....	.....	.....	.....	.....	.....	20	58.71	8.19	Feb.	0.80	Sept.	4.5	114	.....	.....	.....	.....
Greenville	Greenville	989	39	61.6	93	Aug. 1	20	Feb. 8	39	55.25	7.21	Feb.	0.48	Nov.	3.1	140	123	121	121	ne.
Greenwood	Greenwood	671	39	61.8	94	July 1†	20	Jan. 2†	39	60.66	8.64	Mar.	0.90	Nov.	4.0	100	.....	.....	.....	w.
Heath Spring	Lancaster	568	21	62.6	95	June 30†	18	Jan. 1†	21	62.75	8.60	Aug.	0.27	Sept.	1.5	101	121	142	102	e.
Kershaw	Kershaw	560	7	63.2	98	July 2	20	Jan. 13	7	58.31	9.44	July	0.10	Sept.	T.	107	207	10	118	w.
Landrum	Spartanburg	1063	8	61.1	95	Sept. 2	17	Jan. 14	8	73.18	11.93	May	0.90	Sept.†	3.0	117	179	111	75	w.
Laurens	Laurens	589	5	61.2	93	June 12†	18	Jan. 2	5	60.47	9.22	Feb.	0.10	Sept.	0.5	94	110	196	59	.....
Liberty	Pickens	900	23	62.0	95	Sept. 3	18	Jan. 2	23	63.86	11.21	May	0.27	Nov.	8.0	142	128	148	89	sw.
Little Mountain	Newberry	711	30	63.2	95	June 12†	20	Jan. 26	30	53.20	8.53	Feb.	0.08	Sept.	2.0	104	203	40	122	w.
Monetta	Saluda	400	16	64.7	97	Sept. 4	19	Jan. 2	16	53.78	10.10	Mar.	0.67	Nov.	T.	121	106	172	87	ne.
Newberry	Newberry	502	19	.....	101	June 12†	21	Jan. 26	19	60.06	8.06	Feb.	0.31	Sept.	1.0	96	184	107	74	w.
Pelzer	Anderson	850	.....	.....	.....	.....	.....	.....	19	58.10	8.56	Feb.	0.00	Nov.	0.8	117	.....	.....	.....	.....
Saluda	Saluda	536	21	.....	.....	.....	16	Jan. 2	21	.....	9.44	Mar.	.....	.....	T.	.....	.....	.....	.....	.....
Santuck	Union	512	30	62.6	99	July 2	14	Jan. 2	30	60.60	9.19	Feb.	0.64	Sept.	1.2	131	150	118	97	e.
Spartanburg	Spartanburg	875	46	62.1	98	July 1†	20	Jan. 26†	44	53.09	8.25	Feb.	0.57	Nov.	3.0	116	.....	.....	.....	.....
Trenton	Edgefield	620	30	.....	96	July 1†	20	Jan. 2	30	55.97	8.59	Mar.	0.88	Nov.	1.0	84	173	95	97	e.
Walhalla	Oconee	1061	21	61.3	100	Sept. 4	14	Feb. 8	23	62.38	8.51	Dec.	0.56	Sept.	1.8	139	151	119	95	ne.
Winnsboro	....do	545	29	63.1	97	July 1	19	Jan. 2	29	59.76	8.30	Mar.	0.98	Nov.	0.1	120	157	89	119	ne.
Winthrop College ††	York	690	23	.....	98	July 10	18	Jan. 2	23	52.93	7.79	Feb.	0.81	Nov.	3.9	125	203	44	118	n.
Division means and extremes.		.....	.....	62.8	101	June 12†	14	Jan. 2†	.....	57.68	11.93	May	0.10	Sept.	1.5	113	158	94	113	ne.
Section means and extremes.		.....	.....	64.0	101	June 11†	14	Jan. 2†	.....	58.17	12.73	Aug.	0.00	Sept.†	1.3	112	163	91	111	ne.

† On other dates also.

** Temperature data are from observed readings of the dry bulb; means are computed from observed readings.

†† Postoffice addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

Monthly and Annual Precipitation for the Year 1922, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November.		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
EASTERN PORTION.																										
Allendale	.....	.....	.....	.....	.....	.....	3.17	+0.56	6.78	+3.46	2.62	−2.58	7.68	+1.95	8.60	+2.97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blackville	2.13	−0.79	4.50	+0.24	7.28	+3.93	4.10	+0.81	6.00	+2.56	4.81	−0.83	5.41	−0.22	5.35	−0.12	1.00	−3.18	3.80	+1.55	0.25	−1.75	2.67	−0.56	47.30	+ 0.91
Charleston	2.48	−0.88	5.53	+2.22	3.15	−0.57	1.50	−1.49	9.56	+6.09	3.54	−1.85	8.02	+0.76	5.18	−1.79	1.13	−4.23	5.72	+1.79	0.10	−2.77	4.61	+1.46	50.02	+ 2.82
Cheraw	2.40	−0.50	7.52	+3.43	6.58	+2.99	4.42	+1.48	4.05	+0.55	6.31	+1.06	7.47	+1.33	7.11	+0.51	0.80	−2.77	5.46	+3.25	1.29	−0.82	5.28	+1.14	58.09	+12.05
Conway	2.73	−0.74	3.59	−0.77	4.79	+1.20	3.16	+0.06	4.32	+0.76	11.76	+6.89	7.54	+0.73	8.02	+0.80	2.28	−2.51	8.02	+6.81	0.69	−1.52	5.24	+2.03	62.14	+11.73
Darlington	3.79	+1.24	3.23	0.64	3.32	+0.31	5.83	+2.64	3.31	−0.63	7.25	+1.66	6.34	+0.78	5.12	−0.21	1.55	−2.29	4.66	+1.55	0.71	−1.38	4.52	+1.64	49.63	+ 5.24
Effingham	2.58	−0.78	5.49	+0.55	7.35	−0.44	5.75	+2.43	4.48	+0.93	8.60	+2.74	9.31	+3.55	5.17	−0.93	0.70	−3.31	9.00	+6.02	0.37	−1.73	4.87	+1.64	63.67	+14.89
Ferguson	2.50	−1.08	4.29	+0.40	4.18	+0.73	3.28	+0.41	8.15	+3.98	5.90	+0.24	11.18	+4.54	8.50	+1.66	1.02	−2.78	8.63	+5.16	0.56	−1.61	4.33	+1.36	61.92	+13.01
Florence 1	1.57	−0.73	5.86	+1.71	7.62	+4.45	5.50	+2.67	4.16	+0.46	11.23	+5.96	10.19	+4.34	3.95	−1.60	0.61	−3.48	7.16	+4.10	.....	.....	.....	.....	.....	.....
Florence 2	2.00	−0.80	6.35	+2.20	6.85	+3.68	5.91	+3.08	3.94	+0.34	10.02	+4.75	8.66	+2.81	5.66	+0.11	0.47	−3.62	7.23	+4.17	0.46	−2.03	5.06	+2.71	62.81	+17.50
Garnett	2.22	.....	4.94	.....	6.27	.....	0.82	.....	6.45	.....	3.74	.....	7.50	.....	9.46	.....	1.37	.....	8.55	.....	0.42	.....	4.22	.....	55.36	.....
Georgetown	2.66	−0.80	5.88	+1.74	5.19	+1.68	3.68	+0.35	12.65	+9.21	8.55	+2.98	7.90	+0.50	3.75	−3.05	3.68	−0.48	6.93	+3.75	T.	−2.35	7.62	+4.17	68.43	+17.70
Kingstree	2.09	−1.00	3.90	−0.05	5.52	+2.12	3.67	+0.86	5.03	+1.84	7.56	+2.40	5.67	−0.85	6.56	+0.26	1.35	−2.75	5.20	+2.35	0.49	−1.86	4.25	+1.20	51.29	+ 4.85
Orangeburg 1	2.59	.....	4.92	.....	6.25	.....	3.32	.....	7.67	.....	5.45	.....	12.19	.....	6.14	.....	0.40	.....	3.30	.....	0.51	.....	4.04	.....	56.78	.....
Orangeburg 2	2.74	.....	4.81	.....	6.26	.....	2.10	.....	7.06	.....	3.22	.....	.....	.....	5.73	.....	.....	.....	3.04	.....	1.24	.....	4.54	.....	.....	.....
Paris Island	3.40	+0.67	5.30	+1.78	6.00	+2.65	1.36	−0.95	9.80	+6.65	2.80	+2.60	3.50	−2.66	11.10	+5.16	0.90	−3.99	7.66	+4.35	0.06	−2.31	6.10	+3.25	57.86	+12.00
Pinopolis	2.94	−0.16	4.99	+1.46	5.52	+1.90	5.21	+2.24	6.51	+2.85	8.16	+2.43	10.10	+3.48	3.22	−3.86	0.75	−3.83	.....	.....	0.30	−2.14	.....	.....	.....	.....
Rimini	3.04	.....	5.25	.....	6.14	.....	3.80	.....	10.78	.....	7.31	.....	11.52	.....	6.80	.....	0.00	.....	5.45	.....	0.60	.....	4.15	.....	64.84	.....
St. George	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	−1.88	4.35	+1.42	.....	.....
Society Hill	2.68	−0.32	6.88	+2.47	6.21	+2.84	4.36	+1.10	3.34	+0.04	7.50	+2.06	12.58	+6.15	6.68	+0.98	1.60	−2.38	7.54	+4.29	1.27	−0.40	5.88	+2.78	66.52	+19.41
Summerville	3.40	+0.34	6.17	+2.00	4.83	+1.51	3.58	+0.17	7.49	+4.17	8.13	+2.37	10.32	+3.66	7.02	−0.40	3.23	−1.11	4.58	+2.30	0.32	−1.16	7.59	+4.24	66.66	+16.12
Wedgefield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.62	−2.85	3.53	+1.08	0.55	−1.67	3.45	+0.26	.....	.....
Yemassee	2.65	−0.12	3.84	0.00	4.84	+1.35	1.02	−2.00	6.95	+3.45	5.33	−0.66	6.84	−0.62	12.73	+6.24	2.16	−1.88	6.14	+3.30	T.	−2.06	7.25	+4.23	59.85	+11.83
Division means and departures.	2.63	−0.44	5.17	+1.13	5.71	+2.21	3.81	+0.77	6.59	+3.10	6.66	+1.20	8.39	+2.07	6.75	+0.45	1.28	−2.83	6.06	+3.68	0.44	−1.45	5.04	+1.96	58.53	+11.01
WESTERN PORTION.																										
Aiken	2.78	−0.80	5.78	+1.73	9.20	+5.24	3.67	+0.58	5.58	+2.12	4.44	−0.30	8.29	+3.45	5.61	+0.18	1.28	−2.10	6.39	+3.76	0.87	−1.76	3.41	−0.26	57.20	+11.96
Anderson	4.61	+0.78	8.67	+3.54	7.50	+2.90	4.65	+1.47	5.33	+2.29	4.12	−0.37	6.73	+1.69	1.13	−4.20	2.15	−0.84	4.47	+1.69	0.47	−2.23	5.09	−0.22	54.92	+ 7.58
Batesburg	3.49	−0.12	5.98	+0.62	9.92	+5.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blairs	2.65	−0.83	8.69	+4.88	7.41	+3.71	7.99	+5.43	3.33	+0.46	3.66	−0.81	6.02	+0.68	11.75	+6.65	0.06	−2.74	5.49	+2.93	0.88	−1.38	4.31	−0.41	62.24	+19.59
Calhoun Falls	3.61	−0.39	10.54	+5.18	8.39	+3.47	5.54	+2.02	5.96	+2.00	3.24	−0.39	6.19	+0.67	1.34	−3.87	1.32	−2.58	4.75	+1.69	0.60	−1.81	4.52	−0.28	66.00	+ 4.81
Camden	2.73	−0.65	5.48	+1.51	7.19	+3.49	5.09	+2.01	3.17	−0.04	5.34	+0.86	6.01	+0.78	3.58	−1.88	1.05	−2.61	6.52	+3.90	0.64	−1.71	3.32	−0.08	50.12	+ 5.58
Catawba	3.94	+0.47	8.17	+3.84	7.91	+3.80	6.70	+3.71	4.27	+0.51	3.18	−1.72	7.95	+1.47	1.75	−3.46	1.40	−2.63	6.65	+3.04	0.89	−1.51	4.80	+0.51	57.31	+ 8.09
Chappells	3.13	−0.29	9.54	+5.70	8.92	+5.05	7.75	+5.22	5.42	+2.74	4.19	+0.12	6.85	+1.54	4.26	−0.19	0.53	−2.61	6.71	+4.13	0.99	−1.22	3.60	−1.45	61.29	+18.84
Chester	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.29	.....	0.63	.....	4.16	.....	.....	.....
Clemson College	6.74	+1.82	7.49	+2.11	7.41	+2.44	6.72	+3.01	8.04	+4.43	4.90	−0.28	9.16	+3.89	1.61	−3.65	1.85	−2.11	4.97	+1.60	0.31	−2.43	9.10	+3.88	68.20	+14.71
Columbia	2.22	−1.07	5.73	+1.14	6.51	+2.81	6.53	+3.67	2.85	−0.34	4.96	+0.78	7.39	+1.33	1.76	−5.02	2.19	−1.26	6.65	+3.80	0.44	−1.79	2.61	−0.29	59.84	+ 2.76
Due West	3.92	.....	7.11	.....	7.98	.....	6.05	.....	4.59	.....	3.02	.....	5.28	.....	2.24	.....	0.33	.....	3.14	.....	0.52	.....	4.25	.....	58.43	.....
Edgefield	2.97	.....	5.80	.....	8.65	.....	3.85	.....	4.50	.....	5.44	.....	6.59	.....	2.45	.....	2.21	.....	7.80	.....	0.68	.....	3.03	.....	53.97	.....
Gaston Shoals	5.56	+1.60	8.19	+4.08	5.76	+1.00	6.66	+3.27	5.65	+2.47	4.47	+2.16	3.89	−0.81	6.38	+0.97	0.80	−2.37	5.65	+2.71	0.96	−1.72	4.74	+0.20	58.71	+13.65
Greenville	5.32	+1.89	7.21	+1.96	5.95	+0.56	4.97	+1.32	6.28	+2.72	6.59	+1.50	5.21	−0.22	0.95	−4.11	0.72	−3.07	4.77	+1.57	0.48	−2.42	6.80	+2.09	65.25	+ 3.29
Greenwood	4.05	+0.27	7.86	+3.14	8.64	+4.62	6.83	+3.94	6.17	+2.62	4.02	−0.54	6.76	+1.49	4.05	−1.14	1.96	−1.70	5.97	+3.13	0.90	−1.79	3.45	−0.98	60.60	+13.06
Heath Spring	3.01	−0.58	7.50	+3.70	8.00	+4.51	6.32	+3.28	2.63	−0.54	6.81	+1.61	8.09	+3.20	8.60	+3.10	0.27	−2.72	6.00	+3.61	0.93	−1.26	4.53	+0.80	62.75	+ 8.73
Kershaw	2.88	.....	6.95	.....	6.69	.....	5.52	.....	3.07	.....	7.34	.....	9.44	.....	6.13	.....	0.10	.....	5.22	.....	0.91	.....	4.06	.....	58.21	.....
Landrum	8.64	.....	8.51	.....	10.02	.....	8.30	.....	11.93	.....	5.24	.....	6.70	.....	1.55	.....	0.80	.....	4.63	.....	0.40	.....	5.86	.....	73.18	.....
Laurens	5.59	.....	9.22	.....	7.30	.....	5.63	.....	5.59	.....	8.52	.....	4.58	.....	4.00	.....	0.10	.....	4.48	.....	0.52	.....	4.84	.....	60.47	.....
Liberty	6.12	+1.22	6.06	+0.46	6.92	+1.45	6.25	+0.37	11.21	+6.88	4.19	−1.00	7.14	+1.38	0.89	−5.69	1.36	−2.65	3.64	−0.21	0.27	−2.46	9.81	+3.76	63.86	+ 3.28
Little Mountain	2.95	−0.43	8.53	+4.06	8.40	+4.74	5.29	+2.21	2.69	−0.39	5.20	+0.94	4.50	−0.38	5.13	−0.65	0.08	−2.76	6.12	+2.22	0.68	−1.68	3.63	+0.34	53.20	+ 9.98
Monetta	3.05	−0.33	7.07	+2.60	10.10	+6.05	4.63	+1.75	5.57	+2.99	2.74	−3.01	6.42	+1.02	3.00	−1.98	0.74	−2.44	6.97	+3.49	0.67	−1.52	2.82	−0.60	58.78	+ 8.02
Newberry	2.25	−1.64	8.06	+3.87	7.96	+4.17	7.55	+4.73	6.00	+2.74	7.47	+3.25	3.98	−1.17	6.41	+1.05	0.31	−2.56	4.55	+1.99	1.22	−1.34	4.80	−0.01	60.66	+15.68
Pelzer	5.46	+1.08	8.56	+3.94	6.76	+1.98	6.28	+2.54	4.98	+1.03	6.20	+1.95	5.20	−0.79	1.55	−3.28	1.18	−2.26	4.41	+0.91	0.60	−1.97	6.92	+1.54	58.10	+ 6.67
Saluda	3.20	−0.45	6.92	+2.28	9.44	+5.43	6.21	+3.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santuck	4.07	+0.37	9.19	+4.40	7.15	+2.72	5.50	+2.28	4.48	+1.42	6.64	+1.98	4.95	−0.16	8.20	+2.47	0.64	−2.62	5.08	+2.84	0.97	−1.77	4.33	+0.17	60.60	+13.10
Spartanburg	5.22	+1.41	8.25	+3.67	6.07	+1.19	7.35	+4.27	5.35	+1.26	3.58	−1.10	4.84	+0.15	1.33	−4.26	1.77	−1.51	3.17	+0.36	0.57	−1.26	5.59	+1.35	53.09	+ 4.53
Trenton	2.58	−0.75	4.85	−0.24	8.59	+4.20	3.71	+0.26	6.33	+5.22	4.45	−0.16	7.61	+2.13	5.40	−0.47	1.20	−1.98	7.09	+4.00	0.88	−1.50	3.28	+0.42	55.97	+ 8.39
Walhalla	7.39	+2.60	7.02	+1.72	7.93	+1.31	6.15	+1.50	7.03	+3.27	4.43	−0.86	7.09	+0.67	1.29	−4.98	0.56	−4.51	4.35	+0.87	0.63	−2.25	8.51	+3.24	62.38	+ 2.61
Winnsboro	2.65	−0.73	7.39	+3.05	8.30	+4.31	8.03	+5.35	4.39	+1.30	5.29	+0.90	6.23	+1.32	4.21	−1.12	2.28	−1.06	6.21	+3.11	0.98	−1.11	3.80	+0.39	59.76	+15.70
Winthrop College	4.91	+1.40	7.79	+3.73	7.67	+3.80	5.12	+2.00	3.43	−0.77	4.22	−0.82	5.61	+0.05	1.99	−3.70	1.57	−1.45	3.99	+1.14	0.81	−1.38	5.72	+1.47	52.98	+ 5.47
Division means and departures.	4.12	+0.36	7.55	+2.94	7.89	+3.53	6.03	+2.76	5.37	+1.98	4.63	+0.02	6.24	+0.99	3.74	−1.66	1.07	−2.33	5.40	+2.37	0.73	−1.28	4.81	+0.53	57.68	+ 9.23
Section means and departures.	3.53	+0.07	6.62	+2.19	7.04	+3.10	5.11	+2.14	5.89	+2.31	5.48	+0.58	7.20	+1.22	5.07	−0.98	1.15	−2.70	5.57	+2.48	0.61	−1.67	4.90	+1.50	58.17	+10.27

The departures from the normal precipitation are computed only for such stations as have ten or more years of record.

Monthly and Annual Mean Temperatures for the Year 1922, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
EASTERN PORTION.																										
Allendale	.....	.....	.....	.....	.....	.....	66.4	+2.1	73.2	0.0	79.8	+0.8	[a]81.6	−1.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blackville	44.3	−3.2	52.9	+4.9	[a]56.6	−1.1	65.7	+1.3	[b]71.6	−1.7	79.6	+0.3	81.4	−0.1	77.7	−2.8	77.0	+1.4	66.9	+1.9	57.9	+2.3	51.6	+4.2	65.3	+0.7
Charleston	47.4	−0.6	56.4	+4.7	59.0	+1.8	68.2	+3.7	73.6	+0.9	79.8	+0.9	82.3	+0.9	78.1	−2.9	76.8	+0.2	68.7	+0.9	60.1	+2.0	56.3	+4.6	67.2	+1.6
Cheraw	43.8	−1.2	51.1	+6.1	55.8	+2.4	64.8	+3.3	72.1	+1.4	78.8	+1.6	79.8	−0.1	77.3	−1.3	76.2	+3.1	64.8	+2.7	[c]56.6	+4.4	48.6	+4.8	64.1	+2.3
Conway	45.7	−2.3	54.8	+7.0	58.1	+1.8	65.7	+3.1	71.5	+0.6	78.5	+1.7	80.8	+1.0	77.0	−2.2	75.2	+1.0	66.3	+1.4	55.8	+1.6	54.4	+6.9	65.3	+1.8
Darlington	[b]45.8	+0.3	52.2	+6.9	56.6	+1.2	64.0	+2.1	[d]70.6	−0.6	78.4	+1.6	79.8	−0.1	[e]76.3	−2.6	[g]76.4	+2.4	[a]64.2	+0.7	55.0	+2.3	[e]50.4	+5.2	64.1	+1.6
Ferguson	[a]44.6	−2.7	54.0	+6.2	56.5	+0.5	66.8	+4.7	71.8	+0.6	79.2	+2.2	80.9	+1.5	77.5	−0.9	75.2	+1.2	65.9	+1.7	55.6	+0.5	53.7	+5.7	65.2	+1.8
Florence 1	45.4	−0.1	51.4	+5.3	56.0	+1.6	66.0	+3.4	72.8	+0.6	79.6	+1.2	81.4	+0.2	77.1	− 3.1	76.0	+1.4	65.8	+1.7	.....	.....	.....	.....	.....	.....
Garnett	47.8	.....	59.0	.....	60.9	.....	[a]69.4	.....	74.2	.....	[a]80.5	.....	[b]81.7	.....	79.0	.....	[c]77.7	.....	67.4	.....	[d]59.4	.....	[f]55.4	....	67.7	.....
Georgetown	47.1	−1.7	56.6	+7.5	59.4	+1.9	67.2	+3.7	72.8	+0.6	78.2	−0.2	82.0	+1.5	78.2	−2.2	75.8	−0.1	67.0	+0.7	56.4	+0.3	55.4	+6.5	66.3	+1.5
Kingstree	45.8	−1.9	55.4	+7.9	57.7	+1.1	65.4	+2.2	71.6	−0.2	78.7	+0.7	80.6	0.0	76.2	−3.3	74.8	+0.5	65.6	+1.1	56.0	+1.3	53.8	+6.5	65.1	+1.3
Orangeburg 1	45.8	.....	55.8	.....	58.2	.....	66.4	.....	71.7	.....	78.8	.....	80.3	.....	77.1	.....	75.5	.....	66.7	.....	56.2	.....	53.7	.....	65.5	.....
Paris Island	49.0	−2.6	57.1	+6.0	59.8	+1.4	69.6	+4.6	74.6	+1.1	81.8	+2.8	83.0	+1.6	79.0	−2.1	77.0	+4.8	68.8	+1.0	61.6	+2.9	57.6	+5.6	68.2	+1.8
Pinopolis	45.7	−2.1	56.4	+8.0	57.4	+0.9	64.3	+2.2	69.8	−0.7	77.2	+1.1	78.4	+0.4	75.3	−2.5	73.9	0.0	.....	.....	53.6	−0.8	.....	.....	.....	.....
St. George	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57.1	+1.5	[d]53.2	+4.4	.....	.....
Society Hill	[a]44.7	−0.6	[a]50.6	+5.8	[b]55.2	+0.5	62.9	+1.1	[b]70.0	−0.8	78.2	+1.3	79.8	+0.4	[b]76.0	−2.5	74.8	+1.7	63.8	+1.2	52.6	+0.4	[a]49.2	+3.8	63.2	+1.2
Summerville	47.5	−1.9	57.2	+7.7	59.0	+0.8	67.3	+3.8	73.0	+1.1	79.0	+1.7	81.2	+1.5	77.9	−1.6	76.3	+1.6	68.0	+2.3	58.1	+2.5	54.3	+6.0	66.6	+2.1
Wedgefield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.0	+3.3	57.2	+3.3	.....	.....	.....	.....
Yemassee	47.9	−0.4	58.0	+9.0	60.0	+2.2	67.6	+2.8	72.8	+0.2	78.8	−0.1	80.4	−0.4	77.0	−3.0	76.1	+0.8	68.0	+2.4	58.8	+3.3	55.6	+7.7	66.8	+2.2
Division means and departures.	46.1	−1.7	54.9	+6.9	57.9	+1.3	66.3	+3.3	72.5	+0.7	79.1	+1.4	80.9	+0.5	77.3	−2.2	75.9	+1.5	66.5	+1.7	56.9	+1.6	53.5	+4.3	65.6	+1.6
WESTERN PORTION.																										
Aiken	46.1	0.0	55.6	+6.6	57.6	+2.4	66.2	+3.2	71.9	+0.5	79.0	+1.4	79.9	−0.2	77.4	−1.4	76.6	+2.4	65.9	+2.1	57.5	+3.4	53.4	+6.1	65.6	+2.2
Anderson	[a]43.1	−1.2	51.6	+6.9	56.1	+1.9	62.8	+1.4	69.5	−0.9	77.4	+1.8	78.8	−0.8	77.0	−1.4	75.8	+2.1	63.4	0.0	54.9	+2.1	49.0	+5.2	63.3	+1.5
Batesburg	46.0	+0.6	54.9	+9.6	58.8	+4.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calhoun Falls	41.0	.....	48.8	.....	52.2	.....	61.4	.....	68.4	.....	76.8	.....	77.2	.....	75.0	.....	73.5	.....	60.6	.....	.....	.....	48.8	.....	.....	.....
Camden	45.2	−0.9	52.0	+4.2	56.9	+2.6	65.4	+2.9	[a]73.6	+4.1	.....	.....	82.2	+2.2	79.6	+0.7	.....	.....	.....	.....	[a]54.4	+2.2	50.2	+2.1	.....	.....
Chester	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clemson College	[a]43.3	+0.7	50.7	+7.5	53.6	+1.2	[a]62.6	+3.0	68.4	−0.5	76.3	+1.0	77.6	−0.1	74.8	−2.6	73.2	+1.0	61.6	0.0	52.6	+1.9	49.0	+5.3	62.0	+1.6
Columbia	44.1	−1.0	53.4	+5.6	56.8	+5.9	64.4	+1.6	71.7	−0.1	79.0	+0.8	80.2	−0.9	77.0	−2.5	76.2	+2.5	65.2	+1.2	55.5	+1.7	52.0	+4.8	64.6	+1.4
Due West	42.2	.....	50.2	.....	53.2	.....	62.6	.....	69.3	.....	77.5	.....	78.6	.....	75.9	.....	74.7	.....	62.6	.....	52.8	.....	48.6	.....	62.4	.....
Greenville	41.8	+0.7	49.0	+7.6	53.0	+2.4	61.7	+3.2	68.6	+0.9	76.4	+2.0	77.4	+0.3	74.7	−1.0	73.8	+2.9	62.4	+2.1	52.4	+2.4	47.8	+6.6	61.6	+2.5
Greenwood	42.1	−0.8	49.6	+6.1	53.6	+0.9	63.5	+2.4	68.4	−2.5	76.4	+1.0	77.6	−2.0	74 4	−4.0	73.5	+0.4	61.8	−0.4	52.0	0.0	48.6	+5.6	61.8	+0.4
Heath Spring	43.2	−0.2	52.8	+9.8	54.2	+0.8	62.2	+1.8	69.4	−0.8	76.8	+0.4	78.4	−1.0	74.3	−4.5	74.1	+1.0	63.0	+0.6	53.6	+1.7	49.2	+7.0	62.6	+1.4
Kershaw	43.2	.....	51.2	.....	[d]53.7	.....	63.8	.....	70.6	.....	78.5	.....	79.5	.....	75.8	.....	75.1	.....	64.0	.....	53.8	.....	49.6	.....	63.2	.....
Landrum	41.6	.....	49.4	.....	51.9	.....	60.8	.....	67.8	.....	75.8	.....	77.6	.....	[a]74.6	.....	73.5	.....	61.6	.....	51.6	.....	[c]47.4	.....	61.1	.....
Laurens	41.0	.....	49.6	.....	[a]51.9	.....	61.2	.....	69.7	.....	77.0	.....	78.4	.....	[a]74.1	.....	72.6	.....	[b]60.6	.....	50.0	.....	47.2	.....	61.2	.....
Liberty	42.1	−0.8	49.6	+6.2	53.6	+0.9	62.4	+1.8	68.8	−1.3	76.8	+0.5	79.8	+0.8	75.6	−2.4	73.5	+1.0	61.7	−0.3	52.0	+1.1	47.6	+4.8	62.0	+1.1
Little Mountain	43.4	−2.1	52.3	+4.5	54.8	−0.6	62.9	+1.1	69.4	−2.6	77.6	−0.2	78.6	−1.7	75.6	−3.7	76.0	+1.3	63.4	−1.0	53.2	−0.7	50.8	+5.2	63.2	+0.2
Monetta	45.2	−1.9	54.2	+6.1	56.4	+0.3	64.8	+1.1	71.2	−0.7	79.0	+1.6	79.8	+0.3	76.6	−2.2	[a]76.4	+2.2	65.2	0.0	56.2	+1.7	51.9	+5.6	64.7	+1.1
Newberry	[a]43.6	−1.2	[f]53.4	+8.1	55.5	+0.9	[g]67.0	+4.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.4	+1.1	50.4	+6.1	.....	.....
Saluda	43.8	−1.6	49.8	+3.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santuck	42.6	−0.5	50.2	+7.0	53.2	0.0	62.6	+2.2	70.2	−0.1	78.8	+2.1	80.2	−0.5	75.6	−2.9	74.6	+1.4	61.4	−0.7	51.4	+0.2	48.8	+5.7	62.6	+1.4
Spartanburg	42.0	−0.4	49.8	+7.0	53.2	+2.1	62.4	+2.8	69.5	+0.1	77.4	+1.4	79.2	−0.8	76.4	−1.1	74.5	+2.5	62.0	+0.9	51.7	+1.0	47.3	+5.4	62.1	+1.8
Trenton	44.2	−2.4	53.0	+6.8	56.1	+0.1	63.9	+1.2	70.1	−2.0	78.6	+0.4	79.0	−1.2	75.8	−3.7	75.8	+0.8	64.6	+2.3	55.0	0.0	....	.....	.....	.....
Walhalla	42.4	−0.2	49.2	+6.1	51.9	+0.6	61.8	+3.5	67.9	+0.6	75.8	+1.1	[a]77.4	+0.4	75.2	−1.2	74.0	+3.2	61.2	+0.4	51.0	+0.2	47.4	+4.1	61.3	+1.6
Winnsboro	[a]42.0	−2.2	50.4	+5.3	54.9	+1.4	62.6	+1.5	[c]70.9	−0.1	78.6	+1.9	[a]80.0	+0.4	[c]76.7	−1.4	75.6	+2.4	[b]63.6	+1.2	[f]52.4	−0.5	49.2	+6.5	63.1	+1.4
Winthrop College	40.4	−3.1	49.0	+5.6	52.8	−0.5	.....	.....	69.9	−0.2	78.2	+2.1	79.8	+0.7	75.5	−2.9	74.6	+2.0	63.3	+0.9	52.8	+1.1	48.6	+5.6	.....	.....
Division means and departures.	43.0	−1.2	51.2	+6.3	54.0	+0.3	63.1	+2.0	69.8	−0.6	77.5	+0.8	79.0	−0.3	75.8	−2.5	74.7	+1.5	62.9	+0.3	53.2	+0.9	49.2	+5.0	62.8	+1.0
Section means and departures.	44.2	−1.3	52.6	+5.5	55.5	+0.5	64.5	+2.1	71.0	−0.2	78.2	+0.6	79.9	+0.1	76.4	−2.4	75.2	+1.0	64.5	+0.9	54.8	+0.9	51.0	+4.6	64.0	+1.0

The departures from the normal temperature are computed only for such stations as have ten or more years of record.
Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

(CONTINUED FROM PAGE 51.)

WEATHER BY MONTHS.

January.—Though somewhat cooler than usual, the month was generally mild and open. Precipitation was close to normal, but was poorly distributed, with a superabundance in the Piedmont. The snowfall ranged from Trace to 7.5 inches.

February.—Remarkably mild weather prevailed, the monthly mean being 5.5° above normal; on 20 dates the daily means ranged 5° to 23° above the average. Precipitation was much above the average and continued superabundant in the Piedmont, followed by freshets in several rivers during two periods. The snowfall ranged from Traces to 2.5 inches.

March.—Precipitation was nearly twice the average, and freshets in several rivers occurred during two periods. Thermal conditions were somewhat above the seasonal average. The latest spring killing frosts or freezing temperatures occurred on the coastal plain about the 5th and in the interior, from the 21st to 24th. Five persons were killed and 20 were injured by a destructive tornado in Aiken County on the 7th. There was some damage by lightning on the 19th.

April.—The month was unusally wet, with freshets in several rivers during two periods. Temperatures averaged somewhat above normal, with a prolonged heat wave during the middle of the month and unusually cool weather during the last three days. The woods were generally green by the 11th.

May.—Precipitation continued above the average, and thermal conditions were near the normal. Considerable damage occurred by lightning on the 11th and 22d. A heavy hailstorm occurred in Chesterfield County on the 18th. Freshets occurred in several streams during two periods.

June.—Temperature and precipitation were near normal. Two deaths by lightning occurred on the 21st and 27th. Considerable damage by lightning was reported on the 4th and 19th. Freshets occurred during two periods.

July.—Temperature was near normal. Precipitation was much above the average, with freshets in two periods. There were four deaths by lightning on the 20th, 25th, and 28th Damage by lightning, estimated at $84,200.

August.—Weather unusally cool, with precipitation considerably below normal. A small tornado occurred near Charleston on the 30th. One death by lightning occurred on the 8th. A church was destroyed by lightning in Aiken County on the 9th. Damaging hailstorms occurred in sections of the western counties on the 2d and 3d; damage, estimated at $50,000 to $100,000.

September.—The month was marked by drought, and temperatures ranged above normal.

October.—Exceptionally moist weather prevailed, and temperatures were somewhat above normal. The first killing frosts or freezing temperatures occurred in the northern edge of the State on the 25th. A freshet occurred in the Santee River in one period.

November.—The rainfall was the lowest of record for this month, and all streams were unusally low, materially reducing power at dam sites. Temperature was somewhat above normal. The first general autumn killing frosts or freezing temperatures occurred up-State about the 10-11th, in the central sections from the 21st to 23rd and in the low country between the 25th and 29th. The snowfall ranged from Traces to 1.0 inch.

December.—This was the mildest December since 1889, having a monthly mean 4.6° above normal. Precipitation was much above the average, with freshets in several streams after the 17th. Snow flurries occurred at a few stations up-State on the 14th and 20th.

COMPARATIVE DATA FOR SOUTH CAROLINA.

Year.	Temperature.			Precipitation		Average number of days.			Prevailing wind direction.
	Mean.	Highest.	Lowest.	Average.	Average days with 0.01 inch or more.	Clear.	Partly Cloudy.	Cloudy.	
1887	62.3	110	5	43.43	101	.....	.....	.....	.....
1888	61.8	108	13	54.63	104	.....	.....	.....	sw.
1889	62.0	102	10	46.76	86	.....	.....	.....	se. †
1890	64.4	104	11	42.29	.....	.....	.....	.....	sw.
1891	63.0	.....	13	47.52	.....	.....	.....	.....	.....
1892	62.4	102	6	47.36	.....	.....	.....	.....	.....
1893	63.0	104	3	53.68	98	.....	.....	.....	sw.
1894	63.5	105	− 1	50.49	105	154	123	88	sw.
1895	61.9	105	− 6	48.99	88	154	116	95	sw.
1896	63.9	104	5	44.95	86	163	119	84	sw.
1897	63.3	107	3	46.40	99	158	102	105	sw.
1898	63.2	106	8	49.26	107	143	111	111	sw.
1899	62.8	105	−11	46.76	95	158	104	103	sw.
1900	63.2	106	1	49.79	96	167	99	99	sw.
1901	61.1	102	2	54.98	106	167	102	96	sw.
1902	62.6	107	10	46.43	98	172	99	94	sw.
1903	62.2	105	10	50.87	103	166	95	104	sw.
1904	61.7	105	8	40.98	95	188	87	91	sw. †
1905	62.6	107	0	45.10	92	169	85	111	sw. †
1906	63.3	102	11	54.81	107	159	103	93	sw.
1907	63.3	106	12	47.79	99	157	123	75	sw.
1908	63.7	100	12	53.33	94	169	114	83	sw.
1909	63.4	105	7	44.61	91	178	113	73	sw.
1910	62.7	103	11	45.31	91	181	111	73	sw.
1911	64.9	106	16	39.80	91	161	120	84	sw.
1912	62.5	109	6	54.32	102	177	70	119	sw.
1913	63.8	109	16	47.57	93	181	81	103	sw.
1914	62.5	108	11	43.39	96	163	110	92	w.
1915	62.9	106	17	48.89	93	190	92	83	w.
1916	63.4	103	10	43.91	93	184	97	85	sw.
1917	61.4	102	− 5	43.49	97	192	85	88	sw.
1918	63.2	106	− 2	46.48	94	186	85	94	sw.
1919	64.1	103	8	46.79	88	189	88	88	ne.
1920	61.9	105	6	52.24	93	183	83	100	ne.
1921	64.8	104	17	42.83	90	178	97	90	w.
1922	64.0	101	14	58.17	112	163	91	111	ne.
Annual	63.0	110	−11	47.90	96	171	100	94	sw.

† Also other directions.

MONTHLY AND ANNUAL CLIMATOLOGICAL DATA FOR SOUTH CAROLINA, YEAR 1922.

Months.	Temperature.				Precipitation.			Relative humidity.			Percentage of possible sunshine.	Number of days.				Wind.	
	Mean.	Departures.	Highest.	Lowest.	Average.	Departures.	Greatest local monthly amount.	Average—8 a. m.	Average—Noon.	Average—8 p. m.		Rainy.	Clear.	Partly Cloudy.	Cloudy.	Average hourly velocity.	Prevailing direction.
January	44.2	−1.3	81	14	3.53	+0.07	8.64	81	66	74	40	9	10	6	15	9.4	ne.
February	52.6	+5.5	84	14	6.62	+2.19	10.54	86	68	76	44	10	8	8	12	8.9	sw.
March	55.5	+0.5	89	24	7.04	+4.10	10.10	81	60	68	59	11	15	7	9	9.9	w.
April	64.5	+2.1	95	33	5.11	+2.14	8.30	78	56	67	63	8	14	7	9	9.5	sw.
May	71.0	−0.2	98	38	5.89	+2.31	12.65	81	60	73	60	12	12	8	11	7.9	se.
June	78.2	+0.6	101	52	5.48	+0.58	11.76	81	58	74	69	11	14	11	5	6.5	w.
July	79.9	+0.1	101	58	7.20	+1.22	12.58	85	61	78	63	13	12	13	6	6.4	sw.
August	76.4	−2.4	98	49	5.07	−0.98	12.73	85	62	75	58	11	12	8	11	6.5	ne.
September	75.2	+1.0	100	47	1.15	−2.70	3.68	82	56	70	72	3	18	8	4	7.1	ne.
October	64.5	+0.9	94	31	5.57	+2.48	9.00	82	56	68	63	8	18	5	8	6.9	e.
November	54.8	+0.9	88	17	0.61	−1.67	1.29	80	52	65	74	3	20	5	5	7.2	ne.
December	51.0	+4.6	86	22	4.90	+1.50	9.81	86	71	79	38	13	10	5	16	8.2	re.
Annual	64.0	*+1.0	101	14	58.17	*+1027	12.73	82	60	72	59	112	163	91	111	7.9	ne.

* From 36-year averages.

KILLING FROST OR FREEZING TEMPERATURE DATES AND GROWING DAYS.

Stations.	1922.		Averages—all records.		
	Last in spring.	First in autumn.	Last spring date.	First autumn date.	No. of growing days.
EASTERN PORTION.					
Allendale	.....	.....	Mch. 14	Nov. 14	245
Blackville	.....	Nov. 23	Mch. 20	Nov. 12	237
Charleston	Feb. 17	Feb. 7*	Feb. 20	Dec. 10	293
Cheraw	Mch. 23	Nov. 21	Mch. 29	Nov. 3	219
Conway	Feb. 18	Nov. 22	Mch. 23	Nov. 8	230
Darlington	Mch. 5	Nov. 23	Mch. 31	Nov. 2	216
Ferguson	Mch. 21	Nov. 21	Mch. 28	Nov. 7	224
Florence No. 1	Feb. 18	.....	Mch. 23	Nov. 11	233
Garnett	Mch. 5	Nov. 23	.....	.....	.....
Georgetown	Mch. 5	Nov. 21	Mch. 10	Nov. 18	253
Kingstree	Mch. 6	Nov. 22	Mch. 16	Nov. 15	244
Orangeburg No. 1	Mch. 5	Nov. 22	.....	.....	.....
Paris Island	Feb. 18	Nov. 29	Feb. 24	Dec. 1	280
Pinopolis	Feb. 17	Nov. 22	Mch. 6	Nov. 26	265
St. George	.....	Nov. 22	Mch. 11	Nov. 13	247
Society Hill	Mch. 23	Nov. 21	Mch. 22	Nov. 8	231
Summerville	Mch. 5	Nov. 22	Mch. 15	Nov. 14	244
Wedgefield	.....	Nov. 23	Mch. 22	Nov. 19	242
Yemassee	Mch. 6	Nov. 22	Mch. 13	Nov. 12	244
Normal	.....	.....	Mch. 17	Nov. 13	241
Averages for 1922	Mch. 3	Nov. 27	.....	.....	262
WESTERN PORTION.					
Aiken	Mch. 22	Nov. 23	Mch. 16	Nov. 18	247
Anderson	Mch. 22	Nov. 26	Mch. 27	Nov. 5	223
Batesburg	Feb. 17	.....	Mch. 27	Nov. 12	230
Calhoun Falls	Mch. 23	.....	.....	.....	.....
Camden	Feb. 18	Nov. 22	Mch. 11	Nov. 11	245
Chester	.....	Nov. 21	.....	.....	.....
Clemson College	Mch. 23	Nov. 10	Apr. 2	Nov. 3	215
Columbia	Mch. 5	Nov. 22	Mch. 18	Nov. 18	245
Due West	Mch. 22	Nov. 23	Mch. 21	Nov. 10	234
Greenville	Mch. 5	Nov. 25	Apr. 3	Nov. 2	213
Greenwood	Mch. 5	Nov. 25	Mch. 25	Nov. 8	228
Heath Springs	Mch. 21	Nov. 21	Mch. 29	Nov. 4	220
Kershaw	Mch. 21	Nov. 22	.....	.....	.....
Landrum	Mch. 21	Oct. 25	.....	.....	.....
Laurens	Mch. 23	Nov. 21	.....	.....	.....
Liberty	Mch. 22	Nov. 11	Mch. 31	Nov. 2	216
Little Mountain	Mch. 22	Nov. 25	Mch. 25	Nov. 11	231
Monetta	Mch. 5	Nov. 23	Mch. 27	Nov. 8	226
Newberry	Mch. 22	Nov. 21	Mch. 30	Nov. 4	219
Saluda	.....	.....	Apr. 5	Oct. 26	204
Santuck	Mch. 24	Nov. 10	Apr. 3	Oct. 31	211
Spartanburg	Mch. 23	Nov. 21	Mch. 30	Nov. 1	216
Trenton	Mch. 22	Nov. 26	Mch. 21	Nov. 14	238
Walhalla	Mch. 23	Nov. 10	Apr. 8	Oct. 29	204
Winnsboro	Mch. 22	Nov. 22	Mch. 27	Nov. 12	230
Winthrop College	Mch. 5	Nov. 21	Mch. 29	Nov. 5	221
Normal	.....	.....	Mch. 27	Nov. 7	225
Averages for 1922	Mch. 16	Nov. 21	.....	.....	250
Section Normal	.....	.....	Mch. 23	Nov. 10	232
Section averages for 1922	Mch. 11	Nov. 23	.....	.....	257

NOTE.—Killing frost data in above table determined according to the following standard: Last or first clear or partly cloudy day with temperature of 32° or lower and last or first cloudy day with 31° or lower, but without rain, sleet or snow; in case of precipitation, then the next preceding or succeeding day with proper temperature and weather was used. The average number of growing days is the difference between the average spring and autumn killing frost dates. *1923.

MAP SHOWING LOCATION OF OBSERVATION STATIONS.

KEY TO SYMBOLS.

⊙ Meteorological observations. (Regular Weather Bureau Stations, including Greenville.)

○ Meteorological observations. (Sub stations.)

NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

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MAR 9 1923

GENERAL SUMMARY.

The month was mild, open, and generally pleasant, with no hard freezes. Precipitation was below normal. An unusually severe glaze storm occurred in the northwestern counties on the 23d and 24th.

Winter cereals and winter truck and gardens made seasonable growth and maintained good to excellent condition generally. The several short cold periods were sufficient to check abnormal development in fruit, but the weather was not as favorable for general hog killing and meat curing as in former seasons. Plowing for spring crops made satisfactory progress.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.15 inches. The highest pressure was 30.65 inches at Charlotte, N. C., on the 23d, and in the Section proper, 30.61 inches at Columbia on the 17th; the lowest pressure was 29.59 inches at Wilmington, N. C., on the 9th, and in the Section proper, 29.67 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 49.0°, or 3.4° above the normal. The highest temperature was 80° at Camden on the 21st and at Paris Island and Georgetown on the 22d. The warm periods were from the 1st to 3d, 5th to 9th, 12th to 15th, 18th to 22d, and 26th to the end of the month. The lowest temperature was 20° at Santuck on the 17th. There were four short cold periods.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 60%; 8 p. m., 67%. The highest percentages occurred along the coast and in the lower Savannah drainage area, and the lowest, over the northwestern counties.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 2.74 inches, or 0.70 inch below the normal. The monthly amounts were rather poorly distributed, with over 4 inches in sections of the Piedmont and in Georgetown County, while in a major portion of the coastal plain the measurements were less than 3 inches. The greatest local monthly amount was 4.77 inches at Gaston Shoals, Cherokee County, and the least local monthly amount was 0.87 inch at St. George. The greatest amount during any 24 hours was 2.40 inches at Edgefield and Trenton on the 23d and 24th. The average number of rainy days was 25% below normal.

A general glaze storm prevailed throughout the northwestern counties on the 23d and 24th, the accumulated ice on exposed objects ranging from 1.0 to 3.5 inches in the higher elevations. A few snow flurries were noted on these dates in the Piedmont.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.8 miles. The highest average velocity was 12.8 miles per hour at Savannah, Ga., and in the Section proper, 10.5 miles per hour at Charleston; the lowest average was 5.9 miles per hour at Augusta, Ga., and in the Section proper, 7.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 44 miles per hour from the northwest at Savannah, Ga., on the 9th and from the northeast at Charleston on the 22d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 199.8 hours, or 63% of the possible amount. The average number of clear days was 17; partly cloudy, 5, and cloudy, 9, as against normals of 13, 7, and 11 days, respectively.

RIVER CONDITIONS.

On account of intermittent rains and the generally moist condition of the soil, the Santee River was near or above flood stages throughout the month, except relatively low water at Rimini and Ferguson between the 21st and 24th.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing.—The first freezing temperature of the autumn and winter at Charleston occurred on February 7, 1923.

Halos—Lunar: Charleston, 22, 26, 27, 28; Columbia, 2, 6, 26, 27; Due West, 2, 5, 26; Walhalla, 26. *Solar:* Charleston, 6; Columbia, 11, 20; Due West, 5, 11, 22, 26, 28.

Thunderstorms.—Due West and Greenville, 7.

ERRATA.

DECEMBER, 1922.—Sunshine and Cloudiness, text, page 48, average hours should be 117.1.

MARCH, 1922.—Text, page 9, precipitation departure, second line, should read 3.10 inches above normal.

MISCELLANEOUS DATA FOR JANUARY, 1923.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.15	41.8	63	21	2.66	0.67	10.4	nw.	74	60	62	47
Augusta, Ga.	30.16	51.4	75	21	2.72	2.00	5.9	nw.	86	64	69	77
Charleston, S. C.	30.15	53.7	76	38	2.21	1.46	10.5	w.	82	62	76	74
Charlotte, N. C.	30.14	44.6	67	26	3.67	1.37	6.2	sw.	76	63	63	56
Columbia, S. C.	30.16	50.5	74	31	2.54	1.48	7.9	s.	80	52	58	61
Due West, S. C.	30.17	47.0	71	29	3.12	1.94	9.2	sw.	82	59	....	59
Greenville, S. C.	30.12	45.6	67	27	2.68	1.70	8.8	ne	77	59	64	53
Savannah, Ga.	30.16	55.6	80	36	2.45	1.29	12.8	s.	80	58	72	67
Wilmington, N. C.	30.16	50.2	74	30	3.22	1.59	7.9	w.	82	66	74	75
Means and extremes	30.15	49.0	80	21	2.74	2.00	8.8	s.*	80	60	67	63

*Also other directions.

Climatological Data for January, 1923.

Stations	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. B. Vance.
Blackville	Barnwell	296	39	50.5	+3.0	74	†22	26	18	39	2.18	−0.74	1.53	0	6	26	2	3	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	53.7	+3.8	76	22	38	18	27	2.21	−1.24	1.46	0	7	11	13	7	w.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	48.1	+4.4	77	13	24	18	42	2.41	−0.49	0.83	0	5	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	52.1	+4.1	77	22	24	18	41	2.59	−0.98	1.09	0	7	18	4	9	nw.	Paul Quattlebaum.
Darlington	Darlington	175	28	48.2	+2.7	76	†21	23	18	44	2.67	+0.12	0.97	0	5	21	0	10	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	1.89	−1.47	0.85	0	4	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	[c]48.3	+1.0	75	†22	[c]22	18	[c]40	1.56	−2.02	0.62	0	4	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	[i]51.4	+6.1	[i]78	†21	[i]28	18	[i]44	1.53	−1.27	0.88	0	4	21	5	5	sw.	H. K. Gilbert.
Florence 2	do	136	8	.....	.....	.....	.....	.....	.....	.....	2.02	−0.78	1.28	0	4	13	7	11	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	53.6	.....	79	22	24	18	44	1.40	.....	0.60	0	4	15	11	5	w.	Maner B. Robert.
Georgetown	Georgetown	12	30	53.6	+4.8	80	22	22	18	42	4.58	+1.18	1.44	0	6	21	5	5	w.	A. P. Hazard.
Kingstree	Williamsburg	54	41	52.0	+4.3	77	22	24	18	40	1.79	−1.27	0.58	0	6	22	1	8	nw.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	7	51.8	.....	76	†21	24	18	42	1.29	.....	0.90	0	3	25	5	1	w.	U.S. Fisheries Station.
Orangeburg 2	do	264	3	.....	.....	.....	.....	.....	.....	.....	1.27	.....	0.45	0	5	24	5	2	nw.	State A. and M. College.
Paris Island	Beaufort	13	42	[c]53.0	+1.4	[c]80	22	[b]28	17	[c]34	3.20	+0.47	1.30	0	3	17	4	10	n.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	1.65	.....	0.90	0	3	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	[d]51.8	+4.3	78	22	[d]36	5	[d]39	0.87	−2.29	0.40	0	4	19	5	7	.....	R. L. Utsey.
Society Hill	Darlington	192	32	46.6	+2.5	75	21	24	18	44	2.10	−0.90	1.05	0	7	18	6	7	w.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	52.6	+3.2	79	22	25	18	40	2.10	−0.96	0.91	0	7	20	7	4	nw.	E. P. Lawton.
Wedgefield	Sumter	249	33	52.0	+6.1	75	21	27	18	42	2.54	+0.88	0.90	0	6	26	0	5	w.	W Hampton Ramsey.
Yemassee	Hampton	24	34	53.8	+5.5	79	†14	23	18	45	1.27	−1.50	0.53	0	3	27	0	4	se.	W. C. Hutson.
Division means and	extremes	.....	.....	51.4	+3.6	80	22	22	18	45	2.05	−0.72	1.53	0	5	19	6	6	w	
Western Portion.																				
Aiken	Aiken	527	61	[c]52.0	+5.9	[c]76	22	[c]30	11	[c]43	2.92	+0.66	2.23	0	6	24	3	4	nw.	Frank B. McCoy.
Anderson	Anderson	764	30	46.8	+2.5	70	22	28	† 4	42	4.31	+0.38	1.52	0	10	13	6	12	w.	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	2.51	−0.97	1.02	0	5	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	45.6	.....	70	†21	11	† 4	42	3.30	−0.70	1.65	0	7	13	8	10	n.	L. M. Parker.
Camden	Kershaw	222	73	48.3	+2.1	80	21	27	18	41	2.19	−1.19	1.02	0	8	19	2	10	nw.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	3.26	−0.21	1.31	0	5	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	3.74	+0.42	1.84	0	7	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	1	.....	.....	.....	.....	.....	.....	.....	2.23	.....	0.69	0	10	13	5	13	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	46.4	+3.8	68	28	24	11	42	3.66	−1.26	1.80	0	9	13	6	12	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	50.5	+5.4	74	21	31	23	31	2.54	−0.75	1.48	0	6	14	10	7	s.	U. S. Weather Bureau.
Due West	Abbeville	711	9	47.0	.....	71	22	29	23	32	3.12	.....	1.94	T.	9	11	9	11	sw	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	3.95	.....	2.40	0	4	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	4.77	+0.81	2.04	0	11	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	45.6	+4.6	67	28	27	23	28	2.68	−0.75	1.70	0	10	11	7	13	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	45.8	+2.9	70	†22	27	17	38	3.62	−0.16	1.64	0	10	19	0	12	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	48.4	+5.0	72	22	27	17	42	2.13	−1.46	1.50	0	5	21	3	7	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	49.0	.....	75	21	25	†11	44	2.93	.....	1.44	0	7	22	1	8	e.	John W. Hamel.
Landrum	Spartanburg	1063	8	[b]44.8	.....	[b]67	†21	25	†11	[b]39	4.71	.....	1.72	0	8	17	7	7	ne.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	[b]43.8	.....	[b]72	22	[b]13	17	[b]33	3.37	.....	1.50	0	7	11	12	8	.....	Perry A. Simpson.
Liberty	Pickens	900	23	45.6	+2.7	68	† 9	22	†23	38	2.54	−2.36	1.50	0	8	16	5	10	sw.	John T. Boggs.
Little Mountain	Newberry	711	30	48.6	+3.1	71	†21	29	† 4	41	3.48	+0.10	1.25	0	4	21	2	8	w.	J. M. Sease, M. D.
Monetta	Saluda	400	16	51.2	+1.1	73	†21	29	17	41	2.88	−0.50	1.41	0	5	12	14	5	w.	Joseph M. Johnson.
Newberry	Newberry	502	19	48.4	+3.6	74	22	26	17	36	4.10	+0.21	1.30	0	6	23	2	6	e.	Sue Ella Peterson.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	4.00	−0.38	1.86	0	10	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....	.....	.....	.....	.....	J. A. Hunt.
Santuck	Union	512	30	45.8	+2.7	71	†22	20	17	43	4.00	+0.30	1.61	0	10	17	4	10	nw	E. W. Jeter.
Spartanburg	Spartanburg	875	46	45.0	+3.4	70	28	26	†17	40	3.96	+0.15	1.80	T.	9	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	30	[i]50.7	+4.1	[i]71	†21	30	† 4	[i]40	3.64	+0.31	2.40	0	2	21	5	5	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	45.0	+2.8	69	28	23	11	42	3.68	−1.11	1.28	T.	10	16	6	9	ne.	H. W. Brandt.
Winnsboro	Fairfield	515	29	[b]48.0	+3.8	[b]73	†21	[b]28	17	[b]39	3.58	+0.20	2.21	0	7	20	3	8	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	46.4	+2.9	69	21	24	17	38	2.70	−0.81	1.00	0	5	15	5	11	n.	W. T. Clawson.
Division means and	extremes	.....	.....	47.3	+3.1	80	21	20	17	44	3.22	−0.44	2.40	T.	7	16	6	9	w.	
Section means and	extremes	.....	.....	49.0	+3.4	80	†21	20	17	44	2.74	−0.70	2.40	T.	6	17	5	9	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb: means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg: of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for January, 1923.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah																																
Blackville |||	Edisto			.25	.10				.05							.15									1.53	.10							2.18
Charleston ***	Coast	.29		.43						.01						.01						.01		1.24	.22					T.	T.	2.21
Cheraw |||	Pee Dee	.75		.07	.14																				.83						.62	2.41
Conway |||	Waccamaw	1.09		.21	.03											.02							.05		.64						.55	2.59
Darlington ||||	Pee Dee	.80		.22	.08																T	T.			.97						.60	2.67
Effingham |||	Lynches	.85		.18	T.				T.							T.									.72					T.	.14	1.89
Ferguson |||	Santee	.49		.35	T.																				.62						.10	1.56
Florence 1 |||	Pee Dee			.06	.07				T.																.88						.52	1.53
Florence 2 |||	do			.06	.07				T.												T.				1.28						.61	2.02
Garnett	Savannah	.25		.60						T														.03	.52							1.40
Georgetown	Coast	1.44		.43												.18									1.35					1.14	.15	4.58
Kingstree |||	Black	.56		.24	.04											T									.56	.08					.37	1.79
Orangeburg 1	Edisto			.34												.05									.90	T.						1.29
Orangeburg 2	do		.32													.05								.45	.45							1.27
Paris Island	Coast	1.10		1.30																					.80							3.20
Pinopolis	Cooper																															
Rimini |||	Santee	.45		.30																					.90							1.65
St. George	Edisto			.30	T.									.12											.40						.05	0.87
Society Hill |||	Pee Dee	.11		.18					.09															1.65	.04					.60	.03	2.10
Summerville	Ashley	.40		.45						.02						.24								.06	.91						.02	2.10
Wedgefield	Wateree	.85		.25					.05															T.	.90					.12	.37	2.54
Yemassee |||	Ashepoo	.26			.53																				.48							1.27
Western Portion.																																	
Aiken	Edisto	.35		.27					.09															.51	1.72							2.92
Anderson	Savannah	.99		.10			.04	.06	.13							.10								1.04	1.52					.10	.23	4.31
Blairs |||	Broad	1.02		.11	.27																T.			T.	.86						.32	2.51
Calhoun Falls |||	Savannah	.93		T.	.11		.06	.64								.13					T.			.35	1.65						T.	3.30
Camden |||	Wateree	.55		.16	.10				.05											.01	.02				1.02							.28	2.19
Catawba |||	Catawba	.90			.20				.25																1.31						.60	3.26
Chappells |||	Saluda	1.26		.10	.10																.10			.09	1.84						.25	3.74
Chester	Broad			.12			.02	.06	.30											.06			.45	.69	.05					.30	.18	2.23
Clemson College	Savannah			.04			.02	.03							.09						.10			.55	1.80	.65					.38		3.66
Columbia ***	Congaree	.39		.27				.02							T.					T.	T.			1.05	.43					T.	.38		2.54
Due West***	Savannah	.55		.13			.07	.02							.07						.04		T.	1.53	.58				T.		.13		3.12
Edgefield |||	Savannah	1.10		.25																				.20	2.40								3.95
Gaston Shoals |||	Broad	1.34			.12				.40								.03				.09	.09		.10	2.04					.03	.02	.51	4.77
Greenville ***	Saluda	.26		.04			.01	.02	.01						.12						.15		T.	1.38	.40						.29		2.68
Greenwood |||	do	1.17		.08	.11			.03	.02								.06				.02			.21	1.62							.30	3.62
Heath Springs	Wateree			.22				.03																.07	1.50						.31		2.13
Kershaw |||	Lynches	.74		.11	.10				.07															1.44							.12	.35	2.93
Landrum	Broad	1.10						.11	08												.52	T		.65	1.72						.21	.32	4.71
Laurens |||	Saluda	1.13			.04				.39						.04									*	1.50							.27	3.37
Liberty	Savannah			T.			.02	.02	.01						T.	.25					.04			.50	1.50						.20		2.54
Little Mountain	Saluda			.90																				1.25	1.00						.33	3.48
Monetta	Edisto	.55		.27																				.52	1.41						.13	2.88
Newberry	Saluda	1.30		.35												.10								.85	1.15						.35	4.10
Pelzer |||	do	1.02		.02	.10			.06	.68							T					.04	.02		.16	1.70					T	.20	4.60
Saluda	do																															
Santuck	Broad	1.55		.15				.07	.09						T.	.03					.08			.73	.88					.22	.20	4.00
Spartanburg |||	do	.91			.13			T.	.25							.11					.07	.10		.12	1.80				T.		.03	.44	3.96
Trenton	Edisto	T.			1.24											T.									2.40						T	T.	3.64
Walhalla	Savannah	1.15		.08				.02							T.	.21					.10	.01		.60	1.28						.11	.12	3.68
Winnsboro |||	Broad	.70		.11	.17											.05					.05				2.21						.02	.32	3.58
Winthrop College	Catawba			1.00																				.25	.75						.30	.40	2.70

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	40.1	73	5	2.80	8				
1888	46.2	76	15	2.94	10				nw.
1889	44.9	78	15	5.81	10				ne.
1890	54.1	81	17	1.16	6				sw.
1891	46.2	75	21	3.56					w.
1892	42.7	72	16	6.75					nw.
1893	38.0	71	3	2.52	6				
1894	47.9	77	19	3.15	10	10	9	12	ne.
1895	44.2	80	5	7.31	13	9	9	13	sw.
1896	43.8	72	9	3.02	6	12	10	9	ne.
1897	42.2	76	3	2.29	7	13	8	10	nw.
1898	49.2	82	8	1.80	6	12	10	9	sw.
1899	44.4	78	17	4.72	11	10	7	14	n.
1900	44.0	75	3	2.43	8	16	6	9	nw.
1901	45.1	81	18	3.55	9	14	7	10	nw.
1902	42.4	80	11	2.05	5	15	7	9	sw.
1903	43.7	77	13	3.85	11	10	6	15	w.
1904	40.2	74	8	2.97	8	15	5	11	n.
1905	41.4	77	8	2.00	7	15	6	10	w.
1906	47.0	83	12	5.85	11	12	4	15	ne.
1907	53.4	89	18	0.71	4	15	9	7	sw.
1908	44.2	76	17	4.86	9	13	8	10	w.
1909	49.6	83	9	1.54	5	12	9	10	ne.
1910	45.5	80	11	2.98	7	14	10	7	w.
1911	49.8	82	16	1.58	5	14	8	9	sw.
1912	40.2	79	6	4.92	9	13	4	14	w
1913	53.8	82	23	3.21	8	10	6	15	sw.
1914	46.7	81	18	2.66	5	16	9	6	w.
1915	45.1	74	19	6.31	9	12	6	13	ne.
1916	52.3	84	10	1.76	9	10	9	12	ne.
1917	49.7	79	9	3.74	12	10	7	14	sw.
1918	37.3	82	−2	4.45	10	13	6	12	ne.
1919	47.1	80	8	4.15	7	19	5	7	ne.
1920	46.2	85	6	3.66	8	12	7	12	w.
1921	46.9	79	17	3.84	7	15	6	10	w.
1922	44.2	81	14	3.53	9	10	6	15	ne.
1923	49.0	80	20	2.74	6	17	5	9	w.
Period	45.6	89	−2	3.44	8	13	7	11	ne.*

*And west.

Daily Temperatures for January, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blackville	Maximum	67	60	58	47	49	64	70	73	51	49	52	65	63	68	63	60	46	47	64	68	73	74	70	39	49	59	67	61	67	50	74	60.2
	Minimum	49	48	47	30	30	38	49	49	34	30	34	48	31	36	54	34	35	26	45	46	48	58	37	33	37	35	43	41	48	45	46	40.8
Charleston	Maximum	64	61	62	52	60	66	64	70	65	51	59	71	59	65	68	57	46	60	64	63	73	76	49	47	52	61	69	75	59	56	62	61.5
	Minimum	50	46	51	40	40	47	51	55	47	39	40	54	46	45	48	39	39	38	48	49	52	49	42	41	40	39	49	54	49	49	48	45.9
Cheraw §§§	Maximum	65	65	60	52	66	68	68	67	64	49	59	77	66	68	59	52	46	58	58	58	76	71	38	43	59	63	70	71	65	51	51	60.7
	Minimum	41	31	42	29	26	33	36	43	36	34	25	34	35	26	38	33	29	24	40	36	38	50	35	32	35	29	43	46	37	43	40	35.5
Conway	Maximum	66	65	60	54	64	69	71	68	68	62	58	70	66	68	64	56	52	60	61	70	76	77	69	45	56	65	71	74	65	57	61	64.1
	Minimum	54	39	48	34	30	35	42	56	39	35	29	50	33	30	54	36	30	24	47	41	42	53	38	39	37	31	44	51	39	41	42	40.1
Darlington §§§	Maximum	67	67	54	53	66	70	70	69	65	52	60	71	61	70	62	56	46	60	60	68	76	76	38	39	60	65	70	72	64	51	51	61.2
	Minimum	40	34	44	30	29	33	40	50	36	35	25	35	33	26	39	34	30	23	34	39	40	52	36	34	35	30	38	48	35	41	41	36.1
Ferguson §§§	Maximum	64	65	55	52	62	69	71	67	64	53	63	70	60	70	54	52	51	61	63	70	75	75	41	43	54	64	74	71	62	51	55	61.3
	Minimum	43	34	45	34	27	....	41	42	34	34	26	34	29	30	41	28	24	22	28	46	45	48	36	36	30	34	42	40	.....	.....	.....	[c]35.3
Florence 1	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]62.5
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	54	61	74	65	71	67	61	59	60	60	65	78	78	46	40	61	68	69	71	65	51	50	[a]40.2
Garnett	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	30	50	36	32	56	43	34	28	34	43	50	57	40	35	37	33	41	45	39	47	42	66.1
	Minimum	66	69	59	56	65	69	74	71	68	59	65	72	65	72	64	59	57	65	68	73	78	79	68	43	56	67	73	76	68	62	62	66.1
Georgetown	Maximum	50	34	50	32	29	37	44	58	36	36	29	50	32	35	54	39	30	24	41	48	43	52	38	37	40	33	43	50	49	49	48	41.0
	Minimum	68	68	63	68	63	68	71	70	69	65	60	70	69	67	70	66	57	62	62	68	77	80	71	55	60	68	73	76	76	59	64	67.2
Kingstree	Maximum	51	37	48	34	30	37	42	51	39	32	27	47	33	55	38	34	28	22	48	41	43	57	37	43	36	31	46	51	41	40	43	40.1
	Minimum	65	66	55	52	63	70	71	70	65	57	61	70	63	69	65	56	49	61	62	69	76	77	67	66	55	71	75	67	67	51	56	64.1
Orangeburg 1	Maximum	51	38	38	34	30	35	35	57	37	34	27	51	32	31	48	35	30	24	47	43	45	54	39	37	36	44	53	42	42	46	42	39.9
	Minimum	65	66	59	54	60	70	71	68	65	59	64	70	65	72	64	57	57	62	65	71	76	76	71	39	55	64	71	72	68	59	57	64.3
Paris Island §§§	Maximum	49	36	46	33	30	35	46	57	35	35	27	49	39	33	51	30	28	24	41	46	45	52	35	35	37	31	40	51	43	47	45	39.4
	Maximum	68	68	67	55	62	68	61	65	52	72	60	72	60	70	71	62	52	....	....	....	71	80	50	48	55	63	70	76	60	60	64	[c]63.6
	Minimum	40	42	46	35	36	41	56	52	50	35	35	45	40	43	50	44	28	35	38	....	46	50	40	40	38	37	40	50	50	48	46	[a]42.5
St. George	Maximum	67	69	56	56	65	71	72	70	69	53	64	70	63	71	63	58	50	63	69	72	75	78	43	45	58	65	72	72	56	56	61	63.6
	Minimum	48	35	39	32	30	37	40	49	42	34	36	42	36	38	45	38	....	....	....	....	48	52	42	37	38	31	33	44	44	46	46	[d]40.1
Society Hill §§§	Maximum	67	66	49	52	65	68	69	69	63	51	60	70	58	68	60	55	44	60	58	60	75	71	36	36	52	58	66	69	57	56	51	59.3
	Minimum	36	35	35	29	29	29	38	43	38	33	25	26	36	27	30	33	29	24	31	39	37	40	36	33	35	29	29	47	38	38	41	33.8
Summerville	Maximum	67	66	60	58	64	68	71	71	65	57	63	72	64	70	67	58	53	62	63	73	73	79	63	46	56	66	73	77	64	56	62	64.7
	Minimum	50	36	50	33	32	38	46	50	38	33	28	50	34	54	49	34	31	25	43	46	46	53	38	39	38	33	43	50	46	46	46	40.6
Wedgefield	Maximum	68	67	60	53	65	69	65	70	67	62	65	70	64	70	64	58	52	61	65	69	75	74	61	40	55	65	70	71	65	62	59	63.9
	Minimum	49	38	48	32	33	39	46	56	39	34	30	34	36	35	49	36	34	27	34	43	49	47	32	34	35	37	46	56	40	47	50	40.2
Yemassee	Maximum	67	69	61	56	66	70	75	72	67	59	66	73	69	79	68	60	57	66	65	75	75	79	69	43	59	66	74	78	67	61	62	66.9
	Minimum	50	35	51	30	35	35	46	56	35	35	28	46	35	35	54	37	30	23	42	44	46	53	39	38	38	33	41	49	47	49	47	40.7
Western Portion.																																	
Aiken	Maximum	64	65	59	51	63	67	69	66	61	58	63	68	66	70	68	57	54	60	65	68	72	76	73	37	55	63	....	....	....	....	....	[c]63.1
	Minimum	43	35	47	32	33	44	48	56	48	35	30	55	33	37	52	32	32	28	31	44	43	47	32	32	34	44	....	....	....	....	....	[c]41.0
Anderson	Maximum	62	63	52	52	61	48	57	62	61	56	59	66	62	55	55	56	46	56	55	45	68	70	45	40	55	57	65	69	62	52	45	56.7
	Minimum	40	42	42	28	32	35	40	37	38	31	31	47	34	36	38	31	28	31	44	39	39	45	28	31	28	32	44	50	39	40	40	36.8
Calhoun Falls §§§	Maximum	61	61	50	52	61	57	66	63	61	53	62	65	62	64	56	51	50	61	62	63	70	70	33	36	55	62	68	69	62	53	55	58.5
	Minimum	37	30	32	26	26	30	34	40	34	30	28	28	32	32	38	29	26	27	29	40	40	46	28	29	28	28	30	41	38	38	41	32.7
Camden §§§	Maximum	64	65	51	46	64	67	68	67	62	54	65	66	69	69	59	57	57	60	62	70	80	63	68	51	58	66	74	70	60	56	58	62.8
	Minimum	40	33	38	29	28	30	32	43	35	32	29	34	30	31	32	32	29	27	29	40	40	45	30	30	34	31	33	46	34	36	36	33.8
Chester	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clemson College	Maximum	63	62	56	55	60	52	50	64	64	55	56	66	64	59	56	55	57	56	55	54	64	64	62	38	51	57	60	68	66	56	55	58.1
	Minimum	40	29	40	26	28	36	41	44	35	52	24	40	27	32	32	30	30	27	46	40	39	44	30	29	29	27	36	48	34	44	42	34.7
Columbia	Maximum	64	62	51	52	63	67	68	66	63	51	62	67	59	68	58	58	55	47	59	62	67	74	73	45	36	55	63	70	70	61	53	54	60.2
	Minimum	48	43	42	33	37	40	45	49	42	35	33	48	39	37	43	38	33	33	47	44	48	45	31	32	35	37	46	52	43	44	44	40.8
Due West	Maximum	60	58	49	50	59	52	60	62	60	52	60	65	57	61	56	54	46	59	57	51	69	71	45	35	56	59	64	67	59	52	55	56.8
	Minimum	42	36	36	29	32	38	40	46	37	33	30	44	35	35	40	32	32	32	45	40	37	45	29	32	29	31	43	47	41	43	42	37.3
Greenville	Maximum	63	53	48	50	58	48	47	63	58	51	54	64	58	48	55	51	43	55	56	45	64	59	42	36	56	52	61	67	60	51	55	58.9
	Minimum	43	41	37	32	34	38	40	45	36	32	29	45	33	38	41	33	31	34	45	38	37	42	27	30	28	36	43	46	42	40	40	37.3
Greenwood	Maximum	52	59	59	48	49	59	59	63	61	60	52	60	65	60	65	55	54	46	59	61	56	70	70	32	35	54	60	66	67	61	54	57.1
	Minimum	37	32	32	29	29	34	38	43	40	32	30	30	35	32	44	31	27	28	31	40	36	48	32	28	30	30	37	43	36	37	42	34.6
Heath Springs	Maximum	60	58	52	47	59	61	60	63	60	51	54	64	58	65	59	51	46	50	55	55	61	72	61	62	55	56	63	66	63	60	59	58.3
	Minimum	46	38	43	30	36	37	41	47	42	32	28	49	35	35	47	33	27	30	47	37	37	54	30	30	32	35	46	49	37	39	46	38.4
Kershaw	Maximum	63	63	62	50	62	65	66	66	62	49	58	58	66	66	55	52	58	57	62	73	75	55	36	56	61	66	67	70	60	52	54	60.2
	Minimum	45	35	44	29	34	35	39	51	36	32	25	36	36	44	43	44	25	46	38	38	50	31	30	32	30	45	36	56	35	42	40	37.9
Landrum	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	49	54	64	60	49	51	50	47	55	55	50	67	59	51	42	57	52	56	67	60	52	57	[b]55.0
	Minimum	38	29	38	32	28	34	32	39	34	32	25	41	37	33	40	28	28	30	46	36	37	47	28	25	30	27	40	43	37	41	40	[b]41.7
Laurens §§§	Maximum	62	44	47	50	61	54	59	63	63	52	....	66	48	60	57	55	45	58	...	56	70	72	35	37	55	59	64	70	59	52	52	[b]40
	Minimum	27	30	32	27	26	29	35	41	38	33	25	....	29	27	29	31	23	26	31	....	34	38	32	29	29	28	31	46	33	39	42	[b]33.7
Liberty	Maximum	62	59	58	52	60	67	48	63	68	51	55	65	60	56	54	51	48	65	55	51	55	65	60	62	45	53	51	68	66	57	55	57.6
	Minimum	27	33	40	26	32	37	38	42	37	30	26	43	28	33	40	30	27	29	45	38	30	30	22	22	26	30	31	40	44	42	40	33.5
Little Mountain	Maximum	61	60	54	53	60	63	64	65	62	63	61	65	58	57	57	58	58	58	60	60	71	71	53	33	52	61	68	69	60	64	53	59.7
	Minimum	40	35	42	29	34	39	40	42	40	32	31	49	36	35	33	32	30	29	45	40	58	53	30	29	33	36	43	45	39	44	40	37.5
Monetta	Maximum	62	65	56	50	60	65	67	64	61	57	62	66	62	67	65	55	53	59	64	68	73	73	68	34	57	62	68	68	66	58	58	61.6
	Minimum	47	38	46	30	36	38	45	54	40	33	33	51	36	34	48	33	29	30	45	45	49	53	32	31	34	36	45	56	43	48	43	40.7
Newberry	Maximum	63	60	55	52	62	64	66	64	63	53	62	63	56	63	62	55	49	60	59	58	72	74	52	37	53	62	68	69	60	54	55	59.5
	Minimum	42	38	36	28	29	32	40	46	51	35	31	42	41	30	39	32	26	29	41	40	38	48	30	29	32	32	42	50	48	44	42	37.4
Saluda	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santuck	Maximum	63	61	51	51	61	59	55	63	63	54	60	67	59	64	58	54	49	59	55	51	70	71	53	38	58	58	65	71	62	51	50	58.2
	Minimum	43	28	39	27	26	29	30	40	32	32	24	47	26	25	43	30	20	25	41	33	35	43	29	30	31	28	39	46	29	45	42	33.5
Spartanburg	Maximum	61	54	48	59	59	51	45	63	61	50	57	66	57	54	53	52	47	57	54	56	68	62	53	40	52	52	53	70	58	46	50	54.8
	Minimum	38	32	40	30	30	34	38	41	38	34	26	46	31	32	41	29	26	30	45	37	36	48	27	28	26	29	42	43	36	36	40	35.1
Trenton	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	56	61	65	60	67	67	54	50	59	64	69	71	71	65	36	64	60	67	67	67	56	58	[a]61.1
	Minimum	45	40	40	30	36	40	46	45	42	33	35	53	37	36	44	33	30	31	49	46	48	54	31	31	35	35	45	45	43	48	44	40.3
Walhalla	Maximum	63	55	54	55	60	52	46	64	60	54	56	65	61	52	56	54	46	57	54	47	65	62	53	42	53	58	56	69	61	54	57	56.2
	Minimum	40	29	36	26	27	28	34	42	34	25	23	39	30	32	35	29	26	25	25	40	36	44	29	29	24	42	45	48	38	44	42	33.7
Winnsboro §§§	Maximum	62	62	48	50	61	64	67	63	62	49	61	65	59	66	55	52	49	59	58	62	73	73	36	35	....	....	68	68	60	54	55	[b]58.5
	Minimum	37	35	41	29	33	35	41	46	42	33	31	40	36	34	44	32	28	30	33	39	38	49	34	30	31	....	49	52	39	41	42	[a]37.5
Winthrop College	Maximum	62	59	55	52	62	55	52	61	59	53	60	64	59	62	62	57	47	54	58	50	69	67	49	49	50	59	61	67	62	59	58	58.1
	Minimum	34	33	40	32	32	38	42	32	35	32	32	29	39	40	35	30	24	30	30	31	37	48	28	28	30	34	45	42	32	43	40	34.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

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SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., FEBRUARY, 1923. No. 2.

GENERAL SUMMARY.

Short periods of abnormal heat were more than offset by two long periods of subnormal temperatures, and the monthly mean was somewhat below normal. The most severe freeze of the winter occurred between the 15th and 20th. Precipitation was below normal.

Winter cereals, truck, and gardens maintained good to excellent condition generally throughout the month, and no material damage from freezing was reported. The long cold period from the 15th to the 25th was favorable for checking abnormal development in fruit, although young leaves of early shrubbery were cut back. Early spinach, cabbage, and lettuce made good growth, and white potatoes were nearly all planted in the trucking region by the close of the month; but at times the weather was too warm for good lettuce development. Spring plowing was well advanced.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.19 inches. The highest pressure was 30.57 inches at Asheville, N. C., and at Columbia on the 24th; the lowest pressure was 29.78 inches at Charlotte, N. C., on the 27th, and in the Section proper, 29.79 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 44.8°, or 2.3° below the normal. The highest temperature was 82° at Florence No. 1 and Georgetown on the 2d. The warmest periods were from the 1st to 4th, 10th to 14th, and 26th to 28th, when the daily mean temperatures ranged from 5° to 26° above normal. The lowest temperature was 11° at Walhalla on the 18th and 19th. The coldest periods were from the 5th to 9th and 15th to 25th, when the daily means were 5° to 24° below normal.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 78%; noon, 62%; 8 p. m., 66%. The highest percentages occurred along the northern coast and in the lower Savannah drainage area, and the lowest, over the north-central interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 3.83 inches, or 0.58 inch below the normal. Precipitation occurred in two fairly well defined periods, but was badly distributed in area and amounts. The heaviest rainfall occurred in the Piedmont counties, where the amounts ranged from 5 to over 6 inches; in the central counties and on the coastal plain the amounts tapered downward from 4 inches to less than one inch. The period between the 14th and 26th was unusually dry. The greatest local monthly amount was 6.25 inches at Calhoun Falls, and the least was 0.70 at Paris Island. The greatest amount during any 24 hours was 3.16 inches at Santuck on the 26th and 27th.

Snow flurries occurred in scattered sections of the middle and western counties on the 6th, 17th, and 18th. A glaze storm, with ice of Trace to one-half inch, occurred in the middle, northern and northwestern counties on the 6th. The average number of rainy days was 11% below normal.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer reports, was 8.8 miles. The highest average velocity was 12.7 miles per hour at Savannah, Ga., and in the Section proper, 10.8 miles per hour at Charleston; the lowest average velocity was 5.7 miles per hour at Augusta, Ga., and in the Section proper, 7.4 miles per hour at Columbia. The highest velocity for any 5-minute period was 38 miles per hour from the southwest at Savannah, Ga., on the 13th, and in the Section proper, 31 miles per hour from the north at Greenville on the 18th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 170.4 hours, or 55% of the possible amount. The average number of clear days was 14; partly cloudy, 4, and cloudy, 10, as against normals of 12, 6, and 10 days, respectively.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in the upper streams of the Section about the 6th and 7th and at the close of the month, and the Santee River was near or somewhat above flood stages at Rimini and Ferguson throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 1, 22, 25, 27, 28; Columbia, 1, 26, 27, 28; Due West, 25; Greenville, 25; Liberty, 24; Santuck, 24. *Solar:* Due West, 1, 28; Greenville, 19, 27, 28; Liberty, 23; Santuck, 25.

Fog, dense.—Calhoun Falls, 7; Catawba, 9, 10; Charleston, 1, 10, 11, 12, 13; Columbia, 9, 10, 13; Greenville, 9, 10, 26, 27; Liberty, 10, 11; Pelzer, 27, Rimini, 5, 8, 16; Trenton, 8, 11.

Thunderstorms.—Calhoun Falls, 11.

MISCELLANEOUS DATA FOR FEBRUARY, 1923.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.20	38.3	72	6	2.06	0.60	10.8	nw.	80	60	62	50
Augusta, Ga.	30.19	48.2	77	23	4.78	1.24	5.7	nw.	83	69	73	61
Charleston, S. C.	30.18	50.3	76	28	1.03	0.58	10.8	sw.	76	58	71	64
Charlotte, N. C.	30.18	42.2	74	18	4.25	1.91	6.3	sw.	71	59	61	55
Columbia, S. C.	30.20	46.3	77	21	2.83	1.04	7.4	ne	78	66	59	35
Due West, S. C.	30.22	43.7	75	17	5.74	2.82	9.0	sw.	80	62	....	70
Greenville, S. C.	30.16	43.2	73	16	4.62	1.68	8.8	sw.	78	64	62	51
Savannah, Ga.	30.19	52.9	80	27	0.93	0.50	12.7	nw.	78	58	66	60
Wilmington, N. C.	30.19	45.8	76	22	1.41	0.41	7.4	w.	81	66	75	64
Means and extremes	30.19	45.7	80	6	3.07	2.82	8.8	sw.	78	62	66	55

Climatological Data for February, 1923.

Stations.	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation 0.01 in. or more.	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	41	.....	.....	.....	.....	19	19	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	John Black, Jr.
Blackville	Barnwell	296	39	46.8	−1.2	77	2	20	19	39	5.05	+0.79	1.10	0	14	3	11	14	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	50.5	−1.9	76	27	28	19	31	1.03	−2.38	0.58	0	7	10	7	11	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	44.0	−1.0	80	2	17	17	40	3.09	−1.00	0.95	0	8	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	47.2	−0.6	80	2	19	19	50	2.20	−2.16	0.51	0	10	13	2	13	nw.	Paul Quattlebaum.
Darlington	Darlington	175	28	44.6	−0.7	81	2	16	†17	40	2.29	−1.58	0.89	0	11	14	1	13	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	2.02	−2.92	0.74	0	7	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	47.7	−0.1	75	† 1	18	19	39	2.96	−0.93	0.69	0	9	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	46.6	+0.5	82	2	22	19	42	2.75	−1.40	1.02	0	11	12	2	14	sw.	H. K. Gilbert.
Florence 2	do	136	8	.....	.....	.....	.....	.....	.....	.....	2.35	−1.80	0.90	0	8	13	3	12	nw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	[a]51.8	.....	81	3	[a]18	19	[a]51	1.43	.....	0.52	0	6	11	6	11	sw.	Maner B. Robert.
Georgetown	Georgetown	12	30	50.0	+0.9	82	2	19	19	45	1.55	−2.59	0.42	0	5	17	4	7	n.	A. P. Hazard.
Kingstree	Williamsburg	54	41	48.8	+1.3	79	2	19	19	50	2.31	−1.64	0.75	0	8	16	0	12	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	7	48.7	.....	78	2	20	19	51	3.85	.....	1.45	0	9	13	14	1	w.	U.S. Fisheries Station.
Orangeburg 2	do	264	3	.....	.....	.....	.....	.....	.....	.....	3.88	.....	0.98	0	8	14	5	9	nw.	State A. and M. College.
Paris Island	Beaufort	13	42	51.9	+0.8	80	1	24	19	33	0.70	−2.82	0.40	0	2	10	6	12	ne.	U. S. Marine Corps.
Rimini	Berkeley	54	76	49.2	+0.8	78	† 2	21	19	.....	4.90	+1.37	2.51	0	9	12	3	13	.....	Miss E. P. Ravenel.
Pinopolis ** ††	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	3.10	.....	1.10	0	8	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	48.4	+0.2	78	3	20	19	46	1.34	−2.47	0.55	0	6	13	6	9	.....	R. L. Utsey.
Society Hill	Darlington	192	32	42.9	−1.9	79	2	16	17	44	3.07	−1.31	1.05	0	13	13	3	12	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	49.8	+0.3	79	† 3	19	19	46	1.18	−2.97	0.41	0	7	15	4	9	w.	E. P. Lawton.
Wedgefield	Sumter	249	33	48.2	−0.1	78	2	20	†17	48	2.73	−1.42	0.92	T.	8	15	6	7	w.	W. Hampton Ramsey.
Yemassee	Hampton	24	34	51.4	+2.4	81	3	17	19	51	1.40	−2.44	0.45	0	5	19	1	8	sw	W. C. Hutson.
Division means and	extremes	.....	.....	45.6	−2.4	82	2	16	17	51	2.39	−1.65	1.45	T.	8	11	4	10	sw.	
Western Portion.																				
Aiken	Aiken	527	61	[f]46.8	−3.2	[f]75	26	[f]20	19	[f]44	3.53	−0.52	1.11	0	5	17	3	8	w.	Frank B. McCoy.
Anderson	Anderson	764	30	44.6	−0.1	79	2	17	18	42	5.44	+6.31	2.10	T.	11	12	1	15	w.	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	4.89	+1.08	1.97	0	11	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	42.7	.....	78	2	16	†18	41	6.25	+0.89	2.83	0	10	12	9	7	ne.	L. M. Parker.
Camden	Kershaw	222	73	43.5	−4.3	78	2	20	†17	41	3.15	−0.82	1.47	0	10	16	2	10	nw	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	4.54	+6.21	2.30	0	8	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	5.14	+1.30	0.85	0	8	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	1	44.6	.....	75	2	18	19	34	5.04	.....	1.90	0	10	10	7	11	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	44.7	+1.5	74	2	13	19	47	5.84	+0.56	1.07	0	12	14	3	11	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	46.3	−1.5	77	2	21	19	30	2.83	−1.76	1.04	0	10	11	3	14	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	9	43.7	.....	75	2	17	19	32	5.74	.....	2.82	T.	10	10	6	12	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	5.56	.....	0.90	0	7	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	4.01	−0.10	1.72	0	7	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	43.2	+1.8	73	2	16	18	27	4.62	−0.63	1.68	T.	11	10	5	13	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	42.8	−0.7	76	3	17	18	38	6.06	+1.34	2.76	0	8	12	0	16	w	M. M. Calhoun.
Heath Springs	Lancaster	568	21	45.3	+2.3	74	2	19	†17	40	3.66	−0.14	1.45	0	6	12	2	14	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	45.7	.....	79	2	18	†17	42	3.55	.....	1.33	0	9	12	1	15	w.	John W. Hamel.
Landrum	Spartanburg	1063	8	42.7	.....	75	2	13	18	46	4.33	.....	1.21	T.	8	12	9	7	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	42.4	.....	75	2	15	†17	41	5.38	.....	2.81	T.	7	13	9	6	.....	Perry A. Simpson.
Liberty	Pickens	900	23	43.4	0.0	74	2	15	†18	43	6.21	+0.61	2.04	0	11	11	6	11	sw.	John T. Boggs.
Little Mountain	Newberry	711	20	44.8	−1.0	75	2	18	†18	40	4.37	−0.10	1.80	T.	7	15	1	12	w.	J. M. Sense, M. D.
Monetta	Saluda	400	16	47.0	−0.9	76	2	18	19	40	5.03	+0.56	2.05	0	8	11	7	10	sw.	Joseph M. Johnson.
Newberry	Newberry	502	19	45.1	−0.2	75	27	18	19	41	5.20	+1.01	2.20	0	9	15	0	13	w.	Sue Ella Peterson.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	5.68	+1.06	2.64	0	8	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. A. Riser.
Santuck	Union	512	30	43.0	−0.2	76	2	13	19	49	5.99	+1.20	3.16	T.	10	11	6	11	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	43.1	+0.3	76	2	15	18	42	4.57	−0.01	1.80	0	11	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	30	[a]45.2	−1.0	[a]75	2	[a]19	19	[a]38	4.43	−0.66	0.86	0	8	12	2	14	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	43.0	−0.1	76	2	11	†18	50	4.73	−0.57	1.18	0	12	11	9	8	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	29	[d]43.8	−1.3	[d]76	2	[d]10	†17	[d]36	4.63	+0.29	1.60	0	10	13	1	14	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	43.2	−0.2	75	2	16	18	42	4.68	+0.62	1.50	0	6	13	6	9	n.	W. T. Clawson.
Division means and	extremes	.....	.....	44.2	−0.7	79	2	11	†18	50	4.84	+0.23	3.16	T.	9	13	4	11	w.	
Section means and	extremes	.....	.....	44.8	−2.3	82	2	11	†18	51	3.83	−0.58	3.16	T.	8	14	4	10	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for February, 1923.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖	Savannah																											.45					
Blackville ‖	Edisto				.15	.10	.45	.20			.91	.51	.15	.50	.98												1.10					5.05
Charleston ***	Coast					.53	.12			.05	.10	.01	T.	T.												.01	.21					1.03
Cheraw ‖	Pee Dee				.28	.18	.53					.18		.29	.45												.95	.23				3.09
Conway ‖	Waccamaw				.09	.06	.51	.10			.19	.42	T.	.15	.20												.38	.10				2.20
Darlington ‖	Pee Dee		T.		.25	.20	.50	10		.04	.08	.10	.05	.10	T.												.80	.07				2.29
Effingham ‖	Lynches					.17	.54	.07			.27		.09	.14	T.												.74	T.				2.02
Ferguson ‖	Santee				.05	.69	.17	.11			.48	.67		.05	.35												.39	T.				2.96
Florence 1 ‖	Pee Dee				.24	.14	.74	.14	.08		.08	.12	.01	.18													.91	.11				2.75
Florence 2 ‖	do				.26	.10	.56	.12					.21	.13													.90	.07				2.35
Garnett	Savannah					.52	.07			.26	.28	.02															.28					1.43
Georgetown	Coast					.30	.25				.38	.20	T.														.42					1.55
Kingstree ‖	Black				.10		.75	.07			.17	.50			.22												.45	.05				2.31
Orangeburg 1	Edisto				.18	.52	.05	.05			1.45	T	.03	.39	.06												1.12	T.				3.85
Orangeburg 2	do				.20	.58	.35			.98	.48		.06	.28													.95					3.88
Paris Island	Coast										.30																.40					0.70
Pinopolis	Cooper					2.51		.30	.51	.51		.41		.01												.10	.50	.05				4.90
Rimini ‖	Santee	.15			.15	.10	.60				.30	.40		.30													1.10					3.10
St. George	Edisto					.04	.55	.05	T.			.43		.05													.22					1.34
Society Hill ‖	Pee Dee	.03			.22	.22	.65		.16	.08	.09	.11	.06	.15	.09												1.05	.16				3.07
Summerville	Ashley					.41	.15				.02	.11		.03	.05												.41					1.18
Wedgefield	Wateree				.20	.68	.20				.20	.40	.08	.05					T.								.92					2.73
Yemassee ‖	Ashepoo						T.	.45			.39	.11			.05												.40					1.40
Western Portion.																																	
Aiken	Edisto				.99						.35	.19		.89													1.11					3.53
Anderson	Savannah		.12	.14	.44	.95	.31				.05	.20	.13	1.10												1.13	.87					5.44
Blairs ‖	Broad		.03		.24	.71	.72	.16			.14	.30	.06	.21	.32												1.97					4.89
Calhoun Falls ‖	Savannah				.35	.60	.46	.11			.03	.61	.10	.65	.51												2.83					6.25
Camden ‖	Wateree				.06	.15	.60	.04			.20	.20	.01	.18	.21												1.47					3.15
Catawba ‖	Catawba					.80	.44				.20	.20	.08	.16	.36												2.30					4.54
Chappells ‖	Saluda				.40	.85	.80				.10	.42		.18	.39												2.00					5.14
Chester	Broad		.05		.25	1.35	.11					.25	.18	.45												.50	1.90					5.04
Clemson College	Savannah		.01	.01	.60	1.00	1.05	.04		.05		.08	.12	.86												1.07	.92					5.84
Columbia ***	Congaree	T.		T.	.18	.75	.06			.07	.01	.40	.21	.11												.26	.78					2.83
Due West***	Savannah	T.		.19	.28	.90	.02			T.	.15	.38	.17	.83												1.47	1.35					5.74
Edgefield ‖	Savannah				.25	.40	.70				.31	.90	.30	.20													2.50					5.56
Gaston Shoals ‖	Broad				.38	1.17	.17	T.			T.	.12		.32	.13												1.72					4.01
Greenville ***	Saluda	T.	.02	.25	.58	1.01	.65			T	.03	.07	.13	.80					T.							1.42	.26					4.62
Greenwood ‖	do					.82	.65				.37	.41	.08	.30	.67													2.76				6.06
Heath Springs	Wateree				.15	1.00	.16					.19		.71													1.45					3.66
Kershaw ‖	Lynches				.25	.45	.67				.05	.15	.08	.26	.31												1.33					3.55
Landrum	Broad				.71	1.21	.66					.11	.12	.65					T.							.86	.61					4.33
Laurens ‖	Saluda					1.00	.41				.05		.35	.18	.58												2.81					5.38
Liberty	Savannah		.04	.06	.35	2.04	.04				.04	.06	.08	1.35												.80	1.35					6.21
Little Mountain	Saluda			T.	.35	.97	.30					.20	.40	.35												T.	1.80					4.37
Monetta	Edisto			T.	.27	.84	.15				.28	.89	.42	.15													2.05					5.03
Newberry	Saluda			.15	.20	1.05	.35				.24	.30	.48	.23													2.20					5.20
Pelzer ‖	do		T.		.42	1.20	.16	.12			T	.20		.58	.36												2.04					5.68
Saluda	do																										1.80					
Santuck	Broad		.04		.40	1.45	.12				.04	.24	.12	.42												.16	3.00					5.99
Spartanburg ‖	do	.01	.09		.45	1.12	.30	.02			.04	.10		.39	.25												1.80					4.57
Trenton	Edisto				.34	.83	.75				.50	.71	.57	.30													.40					4.43
Walhalla	Savannah		.01	.02	.46	1.06	.02	.04			.01	.06	.10	1.08												1.18	.63					4.73
Winnsboro ‖	Broad				.27	.52	.74	.16			.41	.27	.08	.28	.30												1.60					4.63
Winthrop College	Catawba				.50	.95							.35	.43												.95	1.50					4.68

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.6	80	24	3.41	12				
1888	49.9	76	15	4.83	10				ne.
1889	41.9	75	10	5.60	8				*w.
1890	56.1	83	21	2.38					sw.
1891	54.7	83	13	4.23					sw.
1892	49.2	73	18	3.64					*sw.
1893	51.0	82	25	5.05	12				
1894	48.9	76	16	4.35	10	8	9	11	sw.
1895	37.4	78	− 6	3.07	7	13	6	9	nw.
1896	48.2	81	5	6.13	8	13	8	8	sw
1897	50.0	83	15	7.80	11	10	7	11	sw.
1898	44.5	78	10	0.85	3	15	6	7	w.
1899	43.0	80	−11	6.98	12	9	7	12	w.
1900	44.0	78	1	5.77	10	9	7	12	w.
1901	43.2	78	7	3.08	6	14	7	7	nw.
1902	40.6	77	11	5.89	8	12	6	10	nw
1903	49.0	81	11	7.03	10	10	7	11	sw.
1904	45.2	86	15	3.59	9	12	6	11	ne.
1905	38.9	72	0	5.21	9	10	4	14	ne.
1906	46.0	76	12	2.58	6	16	5	7	ne.
1907	45.1	84	16	3.64	8	10	8	10	ne.
1908	43.6	81	12	5.28	10	14	6	9	w.
1909	52.2	84	12	4.49	8	15	7	6	sw.
1910	44.7	79	15	4.71	9	12	6	10	w
1911	52.1	85	20	1.60	5	13	8	7	sw.
1912	42.3	80	8	5.99	8	15	5	9	w.
1913	48.9	80	22	4.50	8	12	4	12	w.
1914	44.6	78	14	4.41	9	12	6	10	n.
1915	48.6	80	20	3.15	6	15	6	7	n.
1916	48.5	81	11	3.96	8	17	6	6	sw.
1917	47.3	87	− 2	4.11	8	14	7	7	sw.
1918	52.4	88	11	1.89	7	14	7	7	sw.
1919	47.5	75	17	4.73	10	14	4	10	ne.
1920	42.8	76	8	4.05	8	12	5	12	nw.
1921	49.4	85	19	4.73	9	12	7	9	w.
1922	52.6	84	14	6.62	10	8	8	12	sw.
1923	44.8	82	11	3.83	8	14	4	10	w.
Period	47.1	88	−11	4.41	9	12	6	10	sw

*Also nw.

Daily Temperatures for February, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	47	40	53	48	61	66	54	51	67	77	73	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	28	19	24	38	35	34	28	29	43	48	53	....	....	....	.....
Blackville	Maximum	74	77	75	62	52	40	33	34	47	68	65	53	73	68	48	40	33	31	46	58	34	53	60	42	57	67	78	73	....	....	....	55.0
	Minimum	46	63	62	52	39	30	30	29	30	46	53	43	42	50	34	25	25	23	20	31	32	37	30	25	28	43	60	51	....	....	....	38.5
Charleston	Maximum	75	74	74	66	51	41	39	46	53	69	61	53	73	64	58	44	46	41	50	61	53	62	50	41	57	68	76	73	....	....	....	57.8
	Minimum	51	61	62	51	41	33	31	35	43	50	50	46	46	50	40	30	28	33	28	38	39	40	39	30	36	52	60	55	....	....	....	42.8
Cheraw §§§	Maximum	70	80	75	51	38	29	33	38	50	69	54	42	64	68	51	41	46	38	48	59	58	62	42	50	66	74	72	63	....	....	....	54.7
	Minimum	40	48	62	43	35	25	26	28	31	35	39	39	38	40	28	20	17	25	18	26	26	29	25	19	27	35	59	50	....	....	....	33.3
Conway	Maximum	75	80	77	71	50	40	36	45	53	60	57	49	77	68	56	49	46	40	52	62	59	64	59	48	50	71	75	67	....	....	....	58.4
	Minimum	50	64	63	49	38	30	29	31	30	45	42	38	42	52	36	23	20	28	19	28	28	29	30	22	25	25	38	53	....	....	....	36.0
Darlington §§§	Maximum	71	81	76	49	39	30	34	37	48	66	48	46	70	61	51	43	53	39	52	62	58	66	50	48	65	74	74	60	....	....	....	55.4
	Minimum	42	49	61	47	37	27	28	28	31	34	42	38	39	45	36	20	16	22	16	26	26	29	26	20	27	35	48	52	....	....	....	33.8
Ferguson §§§	Maximum	75	75	75	61	41	39	43	44	60	65	61	54	75	59	56	44	45	43	51	62	58	64	50	60	65	75	73	67	....	....	....	58.6
	Minimum	45	54	63	45	40	30	30	30	31	35	43	42	41	54	33	28	22	24	18	27	32	30	30	27	27	36	62	52	....	....	....	36.8
Florence I	Maximum	74	82	75	64	47	37	33	37	49	58	47	43	66	64	60	36	44	39	50	64	60	69	54	36	50	73	74	60	....	....	....	55.2
	Minimum	47	63	64	47	37	30	29	30	33	44	43	39	40	51	36	21	23	28	22	30	30	34	29	24	31	42	60	52	....	....	....	37.9
Garnett	Maximum	78	76	81	76	62	42	42	51	57	75	64	57	80	74	60	53	48	43	53	65	63	66	56	51	68	80	76	72	....	....	....	63.2
	Minimum	49	60	60	56	42	33	33	28	35	47	51	47	49	56	36	26	26	29	18	27	30	....	34	27	29	42	68	54	....	....	....	[a]40.3
Georgetown	Maximum	80	82	80	73	52	42	40	50	50	64	65	52	80	72	59	52	50	50	53	64	61	68	59	59	66	72	77	75	..	....	....	62.4
	Minimum	50	50	60	52	39	30	29	30	32	44	44	41	41	54	33	22	20	29	19	29	36	31	31	23	35	39	56	52	....	....	....	37.5
Kingstree	Maximum	76	79	76	70	70	48	35	42	52	65	64	63	77	59	54	46	48	42	53	64	59	67	54	50	65	74	72	71	....	....	....	60.5
	Minimum	49	63	63	49	37	30	27	31	29	45	41	40	40	47	34	24	22	28	19	28	29	31	31	22	24	39	60	53	....	....	....	37.0
Orangeburg I	Maximum	74	78	77	75	47	40	35	43	52	70	56	50	71	63	57	53	45	43	50	63	62	65	62	49	65	77	72	69	....	....	....	59.4
	Minimum	48	63	62	45	38	30	30	31	29	46	49	41	41	51	33	26	24	27	20	31	31	31	33	25	26	39	60	53	....	....	....	38.0
Paris Island §§§	Maximum	80	76	78	66	58	38	53	50	60	74	65	59	80	64	59	50	49	43	53	65	60	66	56	49	64	75	76	77	....	....	....	62.2
	Minimum	48	52	57	55	58	35	31	33	41	48	52	47	48	55	37	30	26	30	24	32	35	38	35	29	32	42	56	58	....	....	....	41.7
St. George	Maximum	75	77	78	62	45	34	36	49	56	71	58	50	78	62	57	45	47	41	52	64	63	65	58	50	65	75	77	70	....	....	....	59.1
	Minimum	46	53	62	54	44	32	32	31	33	37	52	45	44	50	34	27	25	27	20	22	23	32	35	27	25	29	46	55	....	....	....	37.6
Society Hill §§§	Maximum	69	79	72	47	42	28	32	32	45	61	48	42	52	52	....	....	45	38	49	62	59	65	49	49	66	76	74	60	....	....	....	[b]53.6
	Minimum	41	50	63	47	37	25	27	28	31	32	42	39	38	41	34	19	16	17	17	19	29	29	25	18	19	32	39	51	....	....	....	32.3
Summerville	Maximum	78	77	79	66	59	42	37	49	56	71	62	52	79	64	60	47	48	43	54	65	65	66	54	51	66	74	73	73	....	....	....	61.1
	Minimum	48	58	60	56	40	32	30	32	34	47	56	45	44	49	34	26	23	30	19	27	20	28	34	24	26	50	62	52	....	....	....	38.6
Wedgefield	Maximum	72	78	75	70	57	40	35	41	49	69	60	48	66	64	54	54	47	42	49	62	58	64	66	48	65	77	75	66	....	....	....	59.0
	Minimum	51	63	63	45	37	28	29	32	28	45	46	40	41	50	22	33	20	27	20	32	28	35	29	21	29	41	62	51	....	....	....	37.4
Yemassee	Maximum	78	76	81	76	64	42	39	52	59	65	73	58	80	77	60	56	49	45	53	65	62	66	61	50	67	78	76	71	....	....	....	63.5
	Minimum	47	58	58	56	41	32	31	33	35	47	52	46	47	55	35	25	24	29	17	25	32	34	31	26	27	43	62	54	....	....	....	39.4
Western Portion.																																	
Aiken	Maximum	....	....	....	....	....	....	40	47	51	69	67	61	64	63	58	51	45	42	50	62	59	60	56	49	65	75	70	66	....	....	....	[c]57.7
	Minimum	....	....	....	....	....	....	32	31	31	49	40	40	39	49	36	28	26	24	20	31	33	35	31	28	31	45	59	51	....	....	....	[c]35.9
Anderson	Maximum	69	79	68	53	40	35	36	46	46	69	55	51	62	62	54	45	45	40	45	59	54	62	52	48	64	55	78	61	....	....	....	54.4
	Minimum	48	50	52	40	35	28	28	28	31	42	45	35	37	42	31	23	20	17	18	33	29	34	29	22	33	43	50	50	....	....	....	34.8
Calhoun Falls §§§	Maximum	72	78	72	53	39	33	41	43	48	69	54	48	66	61	52	42	33	38	48	58	56	62	53	50	62	65	60	61	....	....	....	54.2
	Minimum	41	44	57	48	36	28	25	25	26	29	42	42	35	37	30	22	19	16	16	16	28	28	26	19	21	32	42	44	....	....	....	31.2
Camden §§§	Maximum	73	78	71	55	39	35	37	39	48	60	50	58	62	58	51	41	39	40	49	54	49	51	59	49	65	74	71	69	....	....	....	54.4
	Minimum	39	51	61	45	35	24	23	24	29	29	42	39	36	39	29	22	20	20	29	20	30	29	27	24	24	33	44	56	....	....	....	32.6
Chester	Maximum	70	75	69	60	40	40	34	46	58	63	58	50	62	60	47	39	41	36	42	56	54	59	49	45	55	61	73	62	....	....	....	53.7
	Minimum	41	62	60	39	35	25	25	33	32	44	40	37	38	44	33	32	30	23	18	34	26	27	25	22	36	36	51	46	....	....	....	35.5
Clemson College	Maximum	70	74	72	61	43	38	36	48	48	66	63	56	65	64	54	42	44	44	45	60	55	61	55	46	69	56	68	63	....	....	....	55.9
	Minimum	53	61	60	46	36	26	29	31	28	42	45	38	38	40	33	20	17	15	13	32	26	29	24	15	27	33	48	40	....	....	....	33.5
Columbia	Maximum	73	77	71	56	42	35	34	45	49	68	56	46	67	62	52	42	43	39	49	59	56	61	49	47	62	73	70	63	....	....	....	55.2
	Minimum	51	63	56	41	33	28	29	34	29	44	45	38	39	42	34	24	24	24	21	33	32	37	32	24	32	46	58	51	....	....	....	37.4
Due West	Maximum	69	75	60	50	39	33	37	41	48	67	55	47	64	59	54	41	40	37	44	57	55	60	48	46	61	60	67	60	....	....	....	52.9
	Minimum	46	60	50	39	33	25	28	29	30	43	42	37	37	41	31	25	20	18	17	32	30	34	25	23	29	44	52	46	....	....	....	34.5
Greenville	Maximum	68	73	64	49	36	32	47	50	47	66	56	47	62	60	50	41	41	36	41	58	50	59	45	43	58	53	68	60	....	....	....	52.1
	Minimum	48	60	49	36	32	23	28	32	34	42	40	36	36	41	29	21	20	16	20	33	31	32	30	28	32	45	48	46	....	....	....	34.4
Greenwood	Maximum	54	71	76	70	53	38	33	36	43	48	67	52	43	65	58	51	41	39	37	44	56	55	60	50	47	61	67	60	....	....	....	52.7
	Minimum	42	49	59	49	36	26	25	30	30	30	43	41	36	39	31	23	20	17	19	19	26	26	28	21	23	55	48	46	....	....	....	32.8
Heath Springs	Maximum	65	74	70	63	61	50	56	53	49	62	59	50	52	57	55	50	47	42	40	55	53	58	55	52	59	68	67	64	....	....	....	56.6
	Minimum	45	61	62	41	33	23	23	30	30	42	39	26	36	37	32	20	19	21	20	29	27	35	28	19	32	41	52	48	....	....	....	34.0
Kershaw	Maximum	69	79	76	67	44	35	34	41	47	65	58	59	64	65	55	55	56	37	46	58	59	61	50	51	67	72	72	66	....	....	....	57.4
	Minimum	46	56	59	40	34	24	25	30	29	42	39	36	36	46	33	20	18	21	18	26	26	34	25	19	30	45	47	48	....	....	....	34.0
Landrum	Maximum	72	75	70	51	40	33	46	48	48	64	57	52	61	59	44	38	41	35	40	56	56	55	44	40	62	54	69	68	....	....	....	52.7
	Minimum	45	61	51	39	33	23	27	32	28	41	40	36	35	40	29	16	20	13	21	27	24	34	28	16	31	37	46	43	....	....	....	32.7
Laurens §§§	Maximum	70	75	69	48	38	32	41	44	49	67	53	45	63	57	51	40	40	37	44	57	58	61	47	46	62	60	68	57	....	....	....	52.6
	Minimum	50	61	61	46	36	26	30	32	27	30	45	43	42	27	20	15	16	15	17	24	25	20	19	21	29	41	41	....	....	....	....	32.2
Liberty	Maximum	68	74	59	56	41	34	38	49	46	63	60	51	62	61	61	51	45	40	42	53	60	52	53	46	59	55	69	63	....	....	....	54.3
	Minimum	42	60	53	40	33	24	28	30	29	41	41	37	36	39	31	20	17	15	15	25	31	27	26	16	27	38	49	40	....	....	....	32.5
Little Mountain	Maximum	72	75	72	65	38	33	35	40	48	65	58	50	65	63	51	40	42	46	45	58	55	60	53	55	60	69	69	68	....	....	....	55.4
	Minimum	48	66	58	38	33	25	25	29	26	42	38	36	35	31	29	23	19	18	18	31	29	35	30	31	32	38	45	48	....	....	....	34.1
Monetta	Maximum	73	76	73	70	44	35	36	49	52	67	66	48	65	64	54	50	42	41	47	58	57	60	58	47	62	71	68	64	....	....	....	57.0
	Minimum	49	60	61	44	35	27	27	30	32	44	47	37	37	46	32	25	23	21	18	32	31	38	32	23	31	44	58	48	....	....	....	36.9
Newberry	Maximum	62	73	70	60	39	34	36	45	54	68	54	48	65	62	53	41	42	37	45	59	56	63	50	47	63	63	75	70	....	....	....	54.8
	Minimum	43	55	55	39	34	25	25	33	34	27	40	37	37	45	40	26	26	20	18	26	36	32	30	28	27	50	51	52	....	....	....	35.4
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	63	62	71	72	62	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	23	31	40	54	48	....	....	....	.....
Santuck	Maximum	71	76	71	59	40	35	35	45	47	67	60	51	64	63	51	42	42	38	43	58	55	60	48	47	63	65	68	63	....	....	....	54.5
	Minimum	46	46	59	39	35	26	27	33	28	42	41	37	37	43	27	19	15	20	13	24	22	24	20	14	25	32	51	41	....	....	....	31.6
Spartanburg	Maximum	71	76	70	51	39	34	43	46	48	63	58	54	60	59	46	40	42	39	41	57	52	59	50	46	62	53	70	64	....	....	....	53.3
	Minimum	47	60	50	38	32	23	27	32	27	42	39	35	35	39	39	21	20	15	18	28	25	32	30	20	30	37	47	42	....	....	....	32.9
Trenton	Maximum	72	75	71	54	45	36	38	45	51	67	61	48	63	63	52	42	42	38	47	57	56	59	58	47	62	70	70	....	....	....	....	[a]55.1
	Minimum	49	60	50	44	35	27	28	30	32	34	47	39	39	46	32	25	21	20	19	35	32	37	29	24	34	44	45	....	....	....	....	[a]35.4
Walhalla	Maximum	72	76	67	54	42	37	35	52	48	69	59	54	67	65	52	45	46	41	44	61	52	61	52	46	59	56	70	62	....	....	..	55.1
	Minimum	49	58	54	29	33	24	26	30	25	38	44	39	40	35	26	18	15	11	11	26	22	25	19	13	30	35	45	37	....	....	....	31.0
Winnsboro §§§	Maximum	71	76	72	51	38	31	34	43	47	66	50	42	66	57	49	40	42	36	....	....	....	....	48	46	62	70	69	64	....	....	....	[d]52.9
	Minimum	47	51	62	49	37	24	25	29	26	30	45	40	36	40	30	22	19	20	19	....	....	....	....	20	26	36	52	48	....	....	....	[d]34.7
Winthrop College	Maximum	71	75	68	58	40	35	36	40	47	65	56	49	61	61	49	39	39	36	43	55	52	55	58	45	61	59	66	61	....	....	....	52.9
	Minimum	46	59	58	37	34	21	24	30	32	38	38	35	38	43	30	20	24	16	18	30	24	25	30	19	30	44	50	46	..	....	....	33.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

APR 3

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., MARCH, 1923. No. 3.

GENERAL SUMMARY.

The weather was stormy and very changeable, but, on the whole, the temperature was somewhat above normal. The month was marked by a damaging freeze on the 20th and several rather severe storms on the 6th, 12th, 13th, and 23d. Precipitation was considerably above normal, with a superabundance in large sections of the western counties.

Fruit buds swelled rapidly under the influence of the mild weather early in the month, and large quantities of early vegetables had been planted in the low country. Tree fruits were in full bloom northward in the central counties by the 20th, when a freeze badly damaged peaches, pears, plums, truck, gardens, and young tobacco beds. Winter cereals maintained good to excellent condition generally. Early corn and cotton planting became quite general toward the end of the month, but the rainy weather and wet soil delayed outdoor work. The month closed with the woods greening rapidly, but with falling temperatures, and the season was one to two weeks late.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.10 inches. The highest pressure was 30.57 inches at Wilmington, N. C., on the 15th, and in the Section proper, 30.51 inches at Columbia, Due West, and Greenville on the same date; the lowest pressure was 29.26 inches at Wilmington, N. C., on the 7th, and in the Section proper, 29.29 inches at Columbia on the 6th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 56.2°, or 1.2° above normal. The highest temperature was 88° at Georgetown on the 5th. The warm periods were from the 2d to the 7th, 10th to 16th, and 22d to 28th. The lowest temperature was 17° at Walhalla on the 20th. Cold periods occurred on the 8th and 9th, from the 18th to the 21st, and during the last three days. The last general spring killing frosts and freezing temperatures occurred on April 1.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 76%; noon, 57%; 8 p. m., 65%. The highest percentages occurred along the northern coast and in the lower Savannah drainage basin, and the lowest, over the interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 5.14 inches, or 1.16 inches above the normal. There were but few days without rainfall in the western portion; in the eastern portion it was fairly dry until about the 13th. The total monthly amounts ranged from 5 to over 7 inches in most of the western counties; in a small area of the northern interior and in Laurens County and along the lower coast the measurements ranged downward from 4 inches to less than 3 inches. The greatest local monthly amount was 7.85 inches at Greenwood, and the least local monthly amount was 2.38 inches at Charleston. The greatest amount during any 24 hours was 2.90 inches at Spartanburg on the 15th and 16th. The average number of rainy days was 11% above normal. Snow flurries occurred at Laurens on the 20th.

High winds unroofed several small houses at Calhoun Falls during the afternoon of the 6th; damage, light.

Heavy thunderstorms in Anderson and Greenwood Counties on the 12th and 13th were attended by considerable damage to telephone and telegraph lines, and a fertilizer mixing plant at Greenwood was fired by lightning and destroyed, with a loss of about $10,000.

During a series of thunderstorms in Greenville, Spartanburg, and Anderson Counties on the 23d, damage estimated at about $30,000 was caused by heavy wind squalls.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer reports, was 9.8 miles. The highest average velocity was 13.5 miles per hour at Savannah, Ga., and in the Section proper, 12.6 miles per hour at Charleston; the lowest average velocity was 5.9 miles per hour at Augusta, Ga., and in the Section proper, 8.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the west at Savannah, Ga., on the 6th, and in the Section proper, 46 miles per hour from the southwest at Greenville on the 23d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 223.9 hours, or 60% of the possible amount. The average number of clear days was 15; partly cloudy, 6, and cloudy, 10, as against normals of 14, 8, and 9 days, respectively.

RIVER CONDITIONS.

Freshet conditions prevailed in all rivers of the Section, incident to heavy to excessive rains up-State between the 12th and 19th, and the highest crest stages of the winter and spring were recorded. Unavoidable losses in the Santee System approximated $7,315, and the value of movable property saved by timely warnings has been estimated at about $57,700. In the Pee Dee System the losses approximated $2,500, and the value of property saved by warnings was estimated at $50,000.

MISCELLANEOUS DATA FOR MARCH, 1923.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.10	47.0	78	13	4.96	2.07	12.0	nw.	72	48	55	55
Augusta, Ga.	30.12	57.9	83	29	4.46	1.13	5.9	nw.	79	62	70	63
Charleston, S. C.	30.11	59.6	84	33	2.38	0.50	12.6	sw.	78	59	75	69
Charlotte, N. C.	30.09	52.6	78	23	5.84	1.85	6.4	sw.	71	59	61	59
Columbia, S. C.	30.11	56.8	82	27	3.30	0.96	8.5	ne	79	54	56	51
Due West, S. C.	30.12	54.0	80	24	6.34	2.24	9.9	sw.	75	53	....	54
Greenville, S. C.	30.08	53.0	76	22	5.81	1.93	9.7	sw.	74	59	60	60
Savannah, Ga.	30.11	60.9	84	32	2.31	0.54	13.5	s.	79	59	72	63
Wilmington, N. C.	30.11	57.0	80	29	4.09	1.50	9.7	sw.	81	61	73	69
Means and extremes	30.10	55.4	84	13	4.39	2.24	9.8	sw.	76	57	65	60

Climatological Data for March, 1923.

Stations	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Allendale	Allendale	186	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John Black, Jr.
Blackville	Barnwell	296	39	.....	.....	.....	.....	26	20	.....	5.42	+2.10	1.65	0	9	19	1	11	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	59.6	+2.2	84	5	33	20	29	2.38	- 1.34	0.50	0	12	14	4	13	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	55.0	+1.6	85	22	25	20	50	4.16	+0.57	1.27	0	8	....	. .	....	.....	Roland D. Powe.
Conway	Horry	25	33	58.9	+2.6	85	22	28	20	48	5.14	+1.55	2.00	0	11	16	3	12	sw.	Paul Quattlebaum.
Darlington	Darlington	175	28	57.0	+1.6	86	22	27	20	41	3.92	+0.91	1.25	0	9	17	1	13	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	3.76	−0.03	0.70	0	9	....	...	....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	58.3	+2.3	85	5	30	† 2	48	4.47	+1.02	1.02	0	11	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	41	58.2	+2.8	85	5	28	20	50	4.12	+0.96	1.21	0	8	19	5	7	sw.	H. K. Gilbert.
Florence 2	....do	136	8	.....	.....	.....	.....	.....	.....	.....	4.16	+1.00	1.33	0	8	11	5	15	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	60.4	.....	87	22	30	20	46	6.25	.....	1.70	0	11	11	6	14	nw.	Maner B. Robert.
Georgetown	Georgetown	12	30	59.2	+1.7	88	5	28	20	49	4.42	+0.91	1.22	0	7	17	7	7	n.	A. P. Hazard.
Kingstree	Williamsburg	54	41	58.2	+1.6	87	5	28	20	50	3.93	+0.53	0.64	0	11	20	0	11	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	7	59.1	.....	86	22	28	20	47	4.53	.....	0.86	0	11	19	2	10	sw.	U. S. Fisheries Station.
Orangeburg 2	....do	264	3	.....	.....	.....	.....	.....	.....	.....	5.08	.....	0.86	0	9	16	6	9	nw.	State A. and M. College.
Paris Island	Beaufort	13	42	59.8	+1.4	84	5	31	20	45	3.10	−0.25	0.80	0	10	14	5	12	sw	U. S. Marine Corps.
Pinopolis**	Berkeley	54	76	57.8	+1.3	84	5	30	20	.....	3.00	−0.62	0.70	0	7	11	9	11	ne.	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	4.97	.....	1.22	0	8	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	58.4	+1.7	85	5	30	20	39	4.20	+0.79	0.92	0	9	13	12	6	.....	R. L. Utsey.
Society Hill	Darlington	192	32	55.8	+1.1	87	12	27	†20	50	4.26	+0.99	1.06	0	10	21	2	8	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	59.0	+0.8	87	5	29	20	47	5.32	+2.00	1.29	0	10	19	6	6	w.	E. P. Lawton.
Wedgefield	Sumter	249	33	59.0	+3.5	84	† 5	28	20	44	3.73	+0.17	0.90	0	8	17	3	11	w.	W Hampton Ramsey.
Yemassee	Hampton	24	34	59.8	+2.0	86	5	28	20	45	5.67	+2.18	1.80	0	11	18	2	11	nw.	W. C. Hutson.
Division means and	extremes	.....	.....	58.4	+1.8	88	5	25	20	50	4.36	+0.86	2.00	0	10	17	4	10	sw.	
Western Portion.																			
Aiken	Aiken	527	61	58.9	+3.7	83	† 5	28	20	44	5.19	+1.23	1.51	0	8	16	2	13	w.	Frank B. McCoy.
Anderson	Anderson	764	30	54.4	+0.4	81	5	23	20	42	5.43	+0.83	2.87	0	11	16	1	14	w.	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	5.62	+1.92	1.72	0	10	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	[c]53.6	.....	[c]82	23	20	20	[c]48	7.74	+2.82	2.56	0	10	12	10	9	w.	L. M. Parker.
Camden	Kershaw	222	73	56.5	+2.2	84	23	26	†20	44	5.05	+1.35	1.35	0	8	20	4	7	sw.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	6.38	+2.27	2.55	0	11	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	4.98	+1.11	1.26	0	9	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	1	[i]52.2	.....	177	3	24	20	[i]45	6.63	.....	2.30	0	11	12	5	14	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	[i]53.2	+0.8	[i]79	5	21	20	[i]44	4.87	−0.10	1.43	0	9	13	13	5	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	56.8	+2.8	82	23	27	20	34	3.30	−0.40	0.96	0	10	14	5	12	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	9	54.0	.....	80	83	24	20	33	6.34	.....	2.24	0	10	11	6	14	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	6.21	.....	1.30	0	11	....	....	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	6.13	+1.37	2.01	0	11	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	53.0	+2.4	76	23	22	20	34	5.81	+0.42	1.93	0	9	12	7	12	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	53.5	+0.8	79	24	23	20	43	7.85	+3.83	2.65	0	10	16	0	15	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	55.8	+2.4	78	†12	23	20	47	5.04	+1.55	1.92	0	7	14	6	11	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	[d]55.6	.....	[d]83	22	23	20	[d]47	3.79	.....	0.96	0	9	18	0	13	w.	John W. Hamel.
Landrum	Spartanburg	1063	8	50.7	.....	78	† 3	19	20	56	6.41	.....	2.21	0	8	14	11	6	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	[a]52.7	.....	[a]80	23	[a]22	20	[a]42	3.97	.....	1.08	T.	5	13	16	2	.....	Perry A. Simpson.
Liberty	Pickens	900	23	52.9	+0.2	76	23	21	20	46	6.70	+1.23	1.84	0	11	13	13	5	sw.	John T. Boggs.
Little Mountain	Newberry	711	30	[c]55.7	+0.3	[c]80	†12	[c]22	20	[c]47	4.26	+0.60	1.30	0	6	20	3	8	w.	J. M. Sease, M. D.
Monetta	Saluda	400	16	57.0	+0.9	81	†22	26	20	47	4.93	+0.88	1.67	0	8	11	10	10	w.	Joseph M. Johnson.
Newberry	Newberry	502	19	[c]57.8	+3.2	82	† 6	[c]25	20	[c]46	5.31	+1.52	2.00	0	8	19	0	12	sw.	Sue Ella Peterson.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	7.24	+2.46	2.00	0	8	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	57.6	+1.5	83	22	25	20	53	6.45	+2.44	1.80	0	6	15	5	11	w	H. A. Riser.
Santuck	Union	512	30	53.4	+0.2	80	† 5	21	20	42	6.41	+1.88	2.28	0	11	14	9	8	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	53.4	+2.3	81	23	20	20	47	7.56	+2.78	2.90	0	9	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	30	.....	.....	.....	.....	.....	.....	.....	4.73	+0.44	1.21	0	6	....	....	....	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	51.3	0.0	80	3	17	20	50	5.35	−1.24	1.65	0	9	14	12	5	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	29	[b]55.1	+1.6	[b]82	23	[a]24	20	[b]42	4.48	+0.40	0.79	0	11	11	7	13	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	54.3	+1.0	80	† 6	22	20	50	5.86	+1.99	2.10	0	7	15	13	3	s.	W. T. Clawson.
Division means and	extremes	.....	....	54.6	+0.9	84	23	17	20	56	5.68	+1.32	2.90	T.	9	14	7	10	sw.	
Section means and	extremes	.....	....	56.2	+1.2	88	5	17	20	56	5.14	+1.16	2.90	T.	9	15	6	10	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.

† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. †† Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for March, 1923.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah																																
Blackville ‖‖	Edisto							1.18						.30			.33	.80		1.65								.10		.10	.53	.43	5.42
Charleston ***	Coast						.01	.11						.50			.18	.12	.16	.28				.28			.06		.02	.20	.46		2.58
Cheraw ‖‖	Pee Dee							.48						T.	1.27		.15	.96		.42					.14					.16		.58	4.16
Conway ‖‖	Waccamaw							.40							.97		.51	.11	.06	2.00	.21				.03			.03	T.		.36	.52	5.14
Darlington ‖‖	Pee Dee							.30							.80		.20	1.25		.45	.16				.11						.20	.45	3.92
Effingham ‖‖	Lynches							.45							.70		.25	.62		.50	.12				.29						.26	.57	3.76
Ferguson ‖‖	Santee							1.02						.56				.32	.26	.80	.34			T.	.13			.06	.02		.41	.55	4.47
Florence 1 ‖‖	Pee Dee							.36							1.21	.24	.11	1.06		.32					.46						.18	.54	4.12
Florence 2 ‖‖	do							.36							.82		.25	1.33		.54					.16						.20	.50	4.16
Garnett	Savannah							.82						.70			.17	.30	1.70	1.26				.05	T.		.24	T.	T.	.11	.80	.10	6.25
Georgetown	Coast							1.00						.65			.50			1.22					.15						.70	.20	4.2
Kingstree ‖‖	Black							.50							.51		.45	.21	.30	.50	.23				.11			.08			.40	.64	3.93
Orangeburg 1	Edisto							.86						.81			.58	.37	.47	.64							.09	.03	..	.02	.35	.31	4.53
Orangeburg 2	do							.83						.86			.56	.40	.50	.78					.30		.11				.74		5.08
Paris Island	Coast							.40							.80		.20	.10	.40	.10					.30					.20	.30	.30	3.10
Pinopolis	Cooper						.30							.70		.65	.10		1.00	.10				.15									3.00
Rimini ‖‖	Santee							.60							.90		.15	1.22		1.10								.10			.55	.35	4.97
St. George	Edisto							.92							.82			.33	.05	.85	.30				T.			.06		T	.37	.56	4.20
Society Hill ‖‖	Pee Dee							.45							1.06		.13	.81	.01	.58	.22				.08						.11	.81	4.26
Summerville	Ashley							.63						.92			.76		.39	1.29					.11		.02			.08	.90	.22	5.22
Wedgefield	Wateree							.33						.90			.60	.40	.05	.60											.60	.25	3.73
Yemassee ‖‖	Ashepoo							.40							.70			.44	.25	1.80	.40				.21			.21		.15	.32	.79	5.67
Western Portion.																																	
Aiken	Edisto							.77						1.51			.47	.83		.93					.10						.31	.27	5.19
Anderson	Savannah				.05	05	.10	.60						.48			2.87	.04		.98	.02			.10							.14		5.43
Blairs ‖‖	Broad							.92						1.72	.59		.61	.40		.66	.08				.14						.14	.36	5.62
Calhoun Falls ‖‖	Savannah							1.62						2.04	.51		1.45	.45		1.85	.07				.06			T.			.06	.23	7.74
Camden ‖‖	Wateree							.24						1.30			.35	1.35		.60	.00										.26	.35	5.05
Catawba ‖‖	Catawba						.08	.95						1.95	.60		1.10	.58		.54	.14				.15						.09	.20	6.88
Chappells ‖‖	Saluda							.70						.75	.51		.30	1.00		.95					.35						.20	.22	4.98
Chester	Broad					.03	T.	.92					.02	2.30		T.	1.30	.43		.90			.15	.15							.40	.03	6.63
Clemson College	Savannah				.08			.12				.07	.17	1.42			1.03	.29		1.43				.26									4.87
Columbia ***	Congaree						.18	.05			T.	T.	.05	.85		.04	.78	.19	.20	.42			T.	T			T.				.54		3.30
Due West***	Savannah					T.	.77				T.	T.	.42	1.40		.31	2.11		.06	.94		T.	T.	.07			.01				.25		6.34
Edgefield ‖‖	Savannah							.95						1.30	.60		.55	.71	.02	1.03	.20				.20						.20	.45	6.21
Gaston Shoals ‖‖	Broad					.01	.01	1.22				.07	.03	.91	.21		2.01	.69		.79					.18								6.13
Greenville ***	Saluda				.06	T.	.65				T.	T.	.87	1.24		.11	1.83		.04	.81		T.		.20									5.81
Greenwood ‖‖	do							.82						2.65	.57		.83	.82		1.34	.20				.10						.29	.23	7.85
Heath Springs	Wateree						.59							1.92			1.34			.51		.06	.17								.45		5.64
Kershaw ‖‖	Lynches							.64						.27	.96		.30	.11		.53				.15	.25							.58	3.79
Landrum	Broad				.06		.55	.62				.12		2.21			2.08	.42						.25									6.41
Laurens ‖‖	Saluda							1.00									1.08	.63		.98		T.										.28	3.97
Liberty	Savannah				.04	.02	.40	1.84				.02		1.60			1.80	.50				.01			.45							.02	6.70
Little Mountain	Saluda							.85						1.30			.20	.41		.95											.55		4.26
Monetta	Edisto							.56			T.			1.67			.47	.48	T.	1.02			T.		.14		T.				.46	.13	4.93
Newberry	Saluda						.10						.18	2.00		1.15		.40		.85				.18							.45		5.31
Pelzer ‖‖	do					T.	T	.96				T.	T.	1.80	.22		2.00	.90		1.06	.04				.26						T.	T.	7.24
Saluda	do							1.00						1.40			.70			1.80				1.05			T.				.50		6.45
Santuck	Broad					T.	.05	1.20			T.	T.	.03	2.25		T	.94	.30		.92				.66	.26						.38	.02	6.41
Spartanburg ‖‖	do					.08		1.12				T.	T.	.98	.24		2.90	.91		.94	.02				.37							T.	7.56
Trenton	Edisto							.81							1.31		.45		T.	1.20					.35			T.		T.	.61		4.73
Walhalla	Savannah				.08	T.	.33	.64			T.	.02	.06	1.23			1.65			1.07				.27									5.35
Winnsboro ‖‖	Broad							.75						.79	.72		.17	.79		.64	.07				.62	.07					.17	.29	4.48
Winthrop College	Catawba							1.10						2.10			.75	.76		.80				.10	.25								5.86

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	51.4	82	23	1.85	7				
1888	52.1	80	19	6.71	9				sw.
1889	51.6	77	20	3.41	7				w.
1890	52.5	85	11	2.96					sw.
1891	50.0	78	20	7.88					ne.
1892	52.8	78	23	3.78					nw.
1893	53.9	85	18	2.22	9	13	9	9	sw.
1894	59.3	90	15	2.08	7	15	11	5	sw.
1895	53.5	90	24	5.71	11	12	8	11	sw.
1896	53.1	93	19	2.12	5	14	10	7	sw.
1897	56.4	92	21	4.54	12	7	9	15	sw.
1898	59.1	92	22	2.99	7	11	9	11	ne.
1899	55.2	89	12	3.83	9	12	10	9	sw.
1900	51.6	79	22	4.22	9	12	8	11	sw.
1901	53.4	86	10	4.36	8	14	8	9	sw
1902	54.0	86	19	4.08	10	14	7	10	sw.
1903	60.4	84	26	5.92	10	7	9	15	ne.
1904	56.2	87	23	3.42	9	13	9	9	ne.
1905	57.8	93	28	2.15	6	15	6	10	ne.
1906	51.6	82	18	5.34	10	13	6	12	w.
1907	62.0	99	20	1.57	5	15	10	6	sw.
1908	61.4	90	29	4.56	8	15	8	8	sw.
1909	54.1	90	27	4.80	11	14	8	9	sw
1910	59.4	93	22	1.38	4	21	6	4	sw.
1911	54.9	90	22	2.30	7	17	8	6	w.
1912	53.2	88	15	6.79	10	14	5	12	ne.
1913	56.9	88	22	7.40	10	13	5	13	w
1914	50.2	91	12	2.59	8	14	9	8	w.
1915	46.3	81	22	2.66	7	15	8	8	nw.
1916	53.7	87	15	2.14	5	19	8	4	sw.
1917	55.0	88	11	5.39	11	14	6	11	sw.
1918	59.7	89	29	1.83	6	16	8	7	sw.
1919	56.5	82	27	2.86	7	17	7	7	ne.
1920	52.3	87	10	6.73	8	17	6	8	sw
1921	62.5	91	28	2.28	6	16	7	8	sw.
1922	55.5	89	24	7.04	11	15	7	9	w.
1923	56.2	88	17	5.14	9	15	6	10	sw.
Period	55.0	99	10	3.98	8	14	8	9	sw.

Daily Temperatures for March, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blackville	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	43	35	40	55	55	56	53	35	45	57	61	59	41	40	41	60	46	43	45	26	36	65	53	40	38	51	55	57	43	43	44	47.1
Charleston	Maximum	61	68	77	75	84	75	62	57	56	71	73	73	72	66	65	75	63	58	70	48	63	79	78	68	67	76	70	64	57	54	56	67.1
	Minimum	49	44	49	55	58	60	50	44	42	55	59	63	59	52	51	63	51	49	41	33	46	56	64	54	52	57	59	57	48	50	42	52.0
Cheraw §§	Maximum	60	72	81	82	82	78	62	57	62	66	72	82	68	65	72	78	56	60	61	52	65	85	84	72	74	74	71	62	52	54	51	68.1
	Minimum	39	32	38	49	52	53	46	37	30	40	44	53	62	42	42	52	43	41	45	25	31	35	49	50	36	38	44	41	38	36	38	42.0
Conway	Maximum	60	71	80	87	82	79	70	59	62	71	76	84	79	68	69	78	63	52	69	55	70	85	84	76	68	74	77	69	60	51	54	70.4
	Minimum	45	33	45	57	51	58	51	35	32	36	60	61	62	44	42	62	45	43	49	28	36	51	62	59	38	49	53	57	43	42	41	47.4
Darlington §§	Maximum	61	72	81	83	84	79	60	59	63	70	76	84	71	68	70	79	50	62	63	51	66	86	85	67	73	74	77	73	58	51	52	69.3
	Minimum	42	31	41	52	56	56	48	34	29	38	48	58	65	45	39	50	44	43	45	27	31	45	58	52	35	44	54	55	43	37	41	44.7
Ferguson §§	Maximum	61	72	80	82	85	79	58	57	64	76	80	83	75	64	70	76	71	65	65	61	79	80	83	70	75	65	77	70	67	53	51	70.8
	Minimum	45	30	37	53	54	58	47	40	36	36	58	60	66	46	40	40	41	45	45	30	31	50	59	58	39	42	50	55	48	44	46	45.8
Florence 1	Maximum	61	74	80	84	85	79	70	62	68	80	74	84	68	71	68	74	50	54	62	51	67	85	84	67	73	73	79	72	59	53	51	69.7
	Minimum	42	36	50	56	56	54	46	38	33	42	56	52	59	43	43	60	47	43	51	28	35	50	62	53	39	37	55	55	44	40	43	46.7
Garnett	Maximum	63	75	80	83	86	81	74	61	68	76	80	85	78	68	75	81	70	60	69	51	67	87	86	73	78	66	81	70	65	55	60	72.6
	Minimum	46	34	42	49	54	58	48	36	34	42	55	57	61	43	42	64	48	48	42	30	45	53	61	57	41	52	54	59	49	44	45	48.2
Georgetown	Maximum	68	74	82	86	88	83	70	62	59	72	78	80	72	68	63	78	75	52	70	59	65	83	82	74	69	74	75	70	63	53	55	71.0
	Minimum	45	33	47	50	57	53	47	46	38	44	58	60	59	44	42	55	48	44	38	28	37	49	58	59	38	47	50	56	53	45	46	47.5
Kingstree	Maximum	63	73	80	84	87	77	79	60	64	72	78	83	78	66	68	79	79	53	65	50	68	85	85	77	74	68	79	69	58	51	53	71.0
	Minimum	45	33	47	55	56	54	47	36	33	41	41	62	60	42	41	41	43	44	49	28	35	50	60	49	37	47	50	57	46	41	41	45.5
Orangeburg 1	Maximum	65	73	80	80	84	81	78	58	61	73	77	82	80	64	68	79	68	51	63	48	60	86	85	82	75	71	77	74	63	58	51	70.8
	Minimum	43	36	45	55	55	59	45	37	36	43	56	61	59	45	40	60	48	45	47	28	39	48	59	56	38	48	52	56	47	43	41	47.4
Paris Island §§	Maximum	63	69	79	82	84	76	62	60	65	74	75	77	75	67	74	75	56	66	76	51	68	80	81	71	72	76	79	70	55	55	59	70.1
	Minimum	47	41	47	48	50	57	47	41	40	48	56	59	62	47	49	59	51	49	49	31	35	47	60	58	49	55	55	60	47	47	46	49.6
St. George	Maximum	64	73	80	82	85	79	60	60	71	73	78	82	77	68	68	76	56	62	62	52	63	82	83	69	75	68	77	70	63	52	54	69.8
	Minimum	45	34	44	48	51	59	48	39	36	42	49	60	63	43	40	53	53	47	47	30	32	45	56	58	28	49	53	57	50	46	45	47.1
Society Hill §§	Maximum	63	72	83	84	83	80	60	59	62	68	74	87	70	71	68	79	50	61	64	51	63	83	84	65	74	74	77	72	58	51	48	69.0
	Minimum	40	32	33	49	57	55	47	34	29	32	44	58	64	42	41	44	44	42	43	27	27	37	48	54	36	44	47	53	43	36	40	[c]67.4
Summerville	Maximum	63	74	81	85	87	78	70	60	65	74	78	83	78	67	69	78	63	52	69	55	70	85	84	76	68	74	77	69	60	51	54	70.4
	Minimum	44	34	45	50	53	59	48	36	33	40	56	61	60	42	42	45	44	38	47	29	39	51	58	58	39	50	54	59	47	47	43	46.8
Wedgefield	Maximum	63	72	80	81	84	79	75	60	63	69	75	83	76	66	66	78	72	58	62	49	63	81	84	78	73	72	80	74	62	57	52	70.5
	Minimum	42	36	51	49	58	58	46	36	34	45	58	63	62	45	45	55	47	44	46	28	37	49	52	51	42	50	54	57	46	42	43	47.5
Yemassee	Maximum	64	75	80	82	86	81	74	60	66	75	80	84	79	68	74	80	75	59	60	50	68	84	85	76	77	69	81	71	63	54	60	72.3
	Minimum	44	35	44	50	56	52	47	35	32	40	60	58	60	42	42	62	47	47	32	28	43	53	60	58	40	51	53	58	46	44	44	47.2
Western Portion.																																	
Aiken	Maximum	62	73	78	79	83	81	75	60	61	63	76	83	78	64	69	73	69	60	53	40	60	84	82	80	73	66	79	75	62	60	56	69.6
	Minimum	44	40	49	54	56	59	45	45	36	45	56	63	56	42	45	56	45	45	50	28	37	50	62	56	40	50	57	53	48	42	46	48.2
Anderson	Maximum	61	71	77	71	81	65	58	60	61	62	69	76	66	66	64	68	57	56	54	49	54	72	78	65	69	71	78	68	62	56	52	65.1
	Minimum	39	38	48	53	53	50	39	36	36	45	45	62	56	39	41	50	40	40	34	23	30	49	56	44	40	42	52	52	39	42	38	43.6
Calhoun Falls §§	Maximum	57	71	73	77	81	....	....	....	....	....	73	79	62	63	69	72	61	55	53	49	53	79	82	70	70	70	78	66	62	53	54	[c]67.4
	Minimum	39	34	35	46	47	49	37	36	33	34	44	54	56	41	41	43	39	38	38	20	22	31	48	42	39	39	44	48	40	40	38	39 8
Camden §§	Maximum	70	74	80	78	82	78	60	58	65	69	76	83	69	64	79	75	74	61	60	56	64	84	83	74	78	74	80	70	67	63	50	70.9
	Minimum	37	38	43	48	54	58	43	33	32	33	45	58	62	40	39	43	39	39	44	26	26	40	50	50	32	35	46	54	40	40	38	42.1
Chester	Maximum	55	70	77	75	76	....	62	....	....	....	....	....	75	74	62	67	....	....	....	....	....	....	....	60	68	71	73	68	58	55	50	[m]63.0
	Minimum	45	32	47	56	50	54	37	34	34	39	45	62	54	41	48	45	34	41	24	24	30	42	57	43	38	45	49	51	40	40	38	42.5
Clemson College	Maximum	59	72	76	71	79	72	73	60	59	60	65	78	64	62	62	66	56	57	54	46	54	71	....	....	....	....	....	....	....	....	....	[i]64.4
	Minimum	39	32	46	50	49	51	40	35	31	42	49	55	58	39	38	53	41	43	39	21	24	46	53	44	33	43	44	48	40	40	39	42.1
Columbia	Maximum	58	72	80	79	81	77	57	57	60	66	72	82	70	63	66	75	56	54	59	47	59	82	82	65	72	70	77	70	61	51	50	66.8
	Minimum	43	38	52	57	57	52	43	38	37	46	57	61	54	45	46	56	45	45	30	27	39	50	62	50	42	50	54	56	44	43	36	46.8
Due West	Maximum	57	69	76	72	77	74	55	57	59	63	70	76	65	61	63	73	56	53	54	47	52	75	80	62	67	70	76	65	58	53	51	64.1
	Minimum	40	36	47	50	52	51	40	38	38	46	53	65	49	41	43	48	40	39	27	24	31	48	59	47	41	48	51	53	42	42	36	44.0
Greenville	Maximum	57	68	75	69	75	71	54	56	56	58	62	75	64	61	60	67	54	55	53	50	59	70	76	63	64	71	72	67	57	58	50	62.8
	Minimum	39	34	49	55	54	49	41	36	36	45	51	54	50	42	43	49	40	40	24	22	30	49	56	44	40	50	52	48	40	41	33	43.1
Greenwood	Maximum	60	56	70	76	75	78	76	54	57	60	65	70	75	62	64	65	75	58	54	53	48	54	77	79	63	68	68	77	64	60	54	65.0
	Minimum	40	37	38	48	52	58	40	36	33	37	46	56	58	40	40	45	38	38	42	23	24	34	50	46	37	46	50	52	40	42	40	42.0
Heath Springs	Maximum	56	65	75	75	77	73	65	55	54	61	68	78	77	73	67	72	68	63	57	53	56	78	77	74	68	69	70	68	64	57	49	66.5
	Minimum	38	34	50	57	55	54	43	35	31	43	52	60	58	42	41	56	40	40	47	23	31	49	60	48	41	47	51	52	39	39	38	45.0
Kershaw	Maximum	59	70	79	79	79	77	71	56	60	67	72	81	75	62	67	76	61	55	58	48	61	83	....	....	....	....	79	69	60	53	53	[d]67.0
	Minimum	37	32	50	51	53	54	44	37	30	42	53	60	58	42	39	57	42	41	38	23	29	47	61	48	39	44	52	52	40	39	39	44.3
Landrum	Maximum	52	71	78	71	75	58	50	56	55	58	55	63	63	61	59	67	55	57	54	46	57	78	76	62	65	70	74	65	57	58	57	62.0
	Minimum	39	34	43	51	45	47	38	27	28	41	49	51	50	40	35	52	35	40	25	19	22	45	55	42	21	40	43	50	35	34	34	39.4
Laurens §§	Maximum	66	70	76	73	78	75	56	56	59	63	69	78	63	60	67	75	57	56	57	47	52	75	80	63	68	72	74	66	...	59	50	[a]65.3
	Minimum	34	32	34	48	46	48	41	39	30	32	49	56	57	37	38	41	44	37	43	22	29	30	51	45	32	37	44	46	42	....	39	[a]40.1
Liberty	Maximum	59	70	75	71	75	75	57	57	61	58	62	74	71	63	62	66	57	56	52	42	54	71	76	68	67	72	75	68	64	55	56	64.2
	Minimum	40	33	43	52	47	51	38	34	33	43	50	50	56	40	42	53	39	38	32	21	25	44	54	43	34	46	45	48	40	39	28	41.6
Little Mountain	Maximum	59	70	77	76	79	75	61	59	59	64	70	80	74	64	70	70	62	54	58	48	55	80	80	....	....	....	75	68	67	53	53	[c]66.4
	Minimum	39	37	49	54	54	56	40	32	34	44	55	64	56	40	48	55	42	43	38	22	33	46	58	....	....	....	48	47	47	40	28	[c]45.0
Monetta	Maximum	59	71	77	78	80	76	74	56	60	63	73	81	76	62	65	73	60	54	57	49	55	81	81	77	70	69	78	73	61	57	51	67.6
	Minimum	41	38	51	54	53	57	42	39	35	45	54	60	58	43	40	58	42	40	41	26	34	47	60	50	40	50	56	55	45	42	42	46.4
Newberry	Maximum	55	59	71	78	78	82	76	72	73	71	72	77	72	72	67	65	62	58	55	50	55	79	82	65	71	70	76	68	61	54	50	67.6
	Minimum	34	33	42	55	56	66	64	49	50	55	60	60	56	56	47	48	45	45	43	25	33	....	....	....	....	....	49	52	41	43	41	[e]48.0
Saluda	Maximum	60	72	78	79	80	82	74	59	61	63	69	75	82	65	64	77	74	67	61	46	54	83	82	81	70	71	79	71	69	71	55	70.2
	Minimum	39	36	49	55	56	59	42	33	33	48	54	58	56	41	38	58	41	39	38	25	30	45	61	50	30	44	54	49	43	45	42	45.0
Santuck	Maximum	56	70	72	77	80	76	57	58	58	62	69	77	73	63	66	77	58	57	57	49	56	76	80	64	68	71	74	68	59	55	51	65.6
	Minimum	34	30	42	49	48	52	44	31	28	41	52	63	59	35	34	57	43	35	34	21	25	46	54	45	32	40	42	48	39	37	39	41.3
Spartanburg	Maximum	55	71	79	73	76	71	57	58	58	62	65	78	73	61	63	72	58	57	60	53	54	74	81	63	68	75	73	69	57	58	55	65.4
	Minimum	39	34	46	52	48	50	40	34	32	44	50	50	50	42	37	53	40	40	28	20	27	49	44	44	35	44	47	48	39	38	36	41.3
Trenton	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	75	74	57	57	48	54	78	80	63	66	69	78	69	61	54	51	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	37	35	42	37	26	24	48	48	48	43	45	55	45	44	42	42	.....
Walhalla	Maximum	58	77	80	73	79	71	55	57	57	47	60	77	71	63	61	64	57	59	52	47	55	74	78	67	67	75	77	68	59	56	56	64.4
	Minimum	32	30	41	48	45	47	36	30	28	38	42	53	55	32	38	48	34	39	27	17	22	43	50	38	32	30	50	44	35	36	35	38 2
Winnsboro §§	Maximum	57	71	78	76	80	75	56	56	60	65	71	81	63	....	....	75	55	58	57	50	58	82	81	69	70	71	76	67	55	58	47	[b]65.7
	Minimum	39	35	46	54	55	56	43	35	33	39	49	58	59	41	....	57	45	40	43	24	30	40	51	47	42	46	50	52	41	41	42	[a]44.5
Winthrop College	Maximum	56	69	78	75	76	80	70	55	55	60	66	75	74	64	63	74	62	62	57	47	58	79	80	69	67	74	73	65	60	55	52	65.9
	Minimum	37	35	46	55	50	50	41	43	30	44	54	54	58	40	39	56	41	46	35	22	29	44	50	45	37	43	46	42	38	40	35	42.7

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

&NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., APRIL, 1923. No. 4.

GENERAL SUMMARY.

While not so stormy as in March, the weather was very changeable, with unseasonably low temperatures at the beginning of the month, when the lowest April minimum of record was recorded. Precipitation was abundant in the northern and western counties, but deficient on the greater part of the coastal plain.

The month opened with freezing temperature nearly to the coast, and much damage resulted to tree fruits, except apples, which were not in bloom. Early cotton and corn planting were quite general by the middle of the month, but germination was very irregular on account of cold nights The growing season was one to two weeks backward, and spring work was further retarded by wet soil in the northern and western counties. Commercial truck and gardens were in good condition generally, but backward. Winter cereals maintained good to excellent condition generally; oats and rye were heading rapidly during the latter part of the month. Tobacco transplanting was progressing favorably toward the end of the month, and large quantities of fine native strawberries were being shipped. The woods were generally green about the 20th.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.03 inches. The highest pressure was 30.65 inches at Charlotte, N. C., on the 1st, and in the Section proper, 30.64 inches at Due West on the same date; the lowest pressure was 29.43 inches at Wilmington, N. C., on the 29th, and in the Section proper, 29.53 inches at Charleston and Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 61.5°, or 0.9° below the normal. The highest temperature was 94° at Blackville, Conway, Florence No. 1, Georgetown, Kingstree, Society Hill, and Summerville on the 23d. The warm periods were from the 3d to 8th, 12th to 14th, 20th to 24th, and during the last 3 days. The lowest temperature was 18° at Landrum on the 1st, the lowest April record by 2°. The coldest periods were on the 1st and 2d, the 9th and 10th, and from the 15th to 19th. The last general spring killing frosts occurred on the 1st, 2d, and 10th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 76%; noon, 55%; 8 p. m., 65%. The highest percentages occurred along the coast, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 3.48 inches, or 0.50 inch above normal. The showers were generally intermittent, with total amounts of 4 to over 6 inches in the northern and western counties, while on the coastal plain generally the measurements ranged downward from 3 inches to less than 1 inch. The greatest local monthly amount was 6.25 inches at Anderson; least local monthly amount, 0.70 at Paris Island. The greatest amount during any 24 hours was 2.11 inches at Landrum on the 13th. The number of rainy days averaged 29% above normal. There was no snow at any station during the month.

A small tornado near Greenville at 4 p. m. on the 13th destroyed a small dwelling, with a loss of about $1,000; no one was injured. The storm apparently bounded along in a short path about 30 yards wide and moved from southwest to northeast.

Death by Lightning.—S. Jackson, a negro man, near White Oak, Fairfield County, on the 13th.

Hailstorms.—Severe hailstorm near Pomaria, Newberry County, 14th; some of the hailstones were said to be as large as a man's fist. Severe hailstorm at Winnsboro on 13th; the hailstones were as large as guinea eggs. Another severe hailstorm occurred at Edgefield on the 13th; some of the hailstones were as large as turkey eggs.

A school building was wrecked at Chappells by unusually strong winds on the 4th.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer reports, was 8.4 miles. The highest average velocity was 12.2 miles per hour at Savannah, Ga., and in the Section proper, 11.2 miles per hour at Charleston; the lowest average velocity was 3 9 miles per hour at Augusta, Ga., and in the Section proper, 7.2 miles per hour at Columbia. The highest velocity for any 5-minute period was 46 miles per hour from the north at Greenville on the 23d.

RIVER CONDITIONS.

Moderate rises occurred in some up-State streams between the 5th and 7th and again about the 15th and 16th. The Santee River was near or above flood stages at Rimini and Ferguson throughout the month.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 246.2 hours, or 63% of the possible amount. The average number of clear days was 15; partly cloudy, 7, and cloudy, 8, as against normals of 15, 8, and 7 days, respectively.

MISCELLANEOUS DATA FOR APRIL, 1923.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.03	53.8	78	20	2.57	1.01	9.5	nw.	75	47	55	60
Augusta, Ga.....	30.02	63.9	89	33	2.78	0.86	3.9	s.	77	49	60	67
Charleston, S. C...	30.03	64.4	93	37	1.06	0.72	11.2	sw.	75	60	75	69
Charlotte, N. C ...	30.02	59.0	88	24	4.23	1.59	5.8	s.	73	56	59	60
Columbia, S. C....	30.04	62.2	90	29	2.17	0.63	7.2	ne	80	56	66	59
Due West, S. C....	30.06	60.0	89	28	4.95	1.23	8.4	sw.	75	54	....	57
Greenville, S. C...	30.01	58.6	88	26	5.77	1.39	8.5	sw.	76	60	61	60
Savannah, Ga.....	30.02	66.5	91	38	1.06	0.98	12.2	s.	79	54	70	71
Wilmington, N. C.	30.04	62.2	88	29	1.28	0.53	8.8	sw.	77	58	75	67
Means and extremes	30.03	61.1	93	20	2.87	1.59	8.4	sw.	76	55	65	63

Climatological Data for April, 1923.

Stations.	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	
Eastern Portion.																				
Allendale	Allendale	186	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	John Black, Jr.
Blackville	Barnwell	296	39	62.2	--2.2	94	23	30	1	38	1.37	−1.92	0.35	0	8	.....	.....	.....	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	64.4	−0.1	93	23	37	1	29	1.06	−1.93	0.72	0	5	7	15	8	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	60.9	−0.6	91	23	27	1	43	4.39	+1.45	1.12	0	9	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	62.6	0.0	94	23	29	1	42	1.54	−1.56	0.38	0	8	14	3	13	se.	Paul Quattlebaum.
Darlington	Darlington	175	28	61.4	−0.5	92	23	28	1	41	4.00	+0.81	1.25	0	8	15	1	14	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	..	.....	.....	.....	3.07	−0.25	1.25	0	9	.....	.....	..	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	62.7	+0.6	93	23	31	1	38	2.87	0.00	0.67	0	9	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	62.7	+0.1	94	23	29	1	45	2.88	+0.01	0.79	0	9	16	8	6	sw.	H. K. Gilbert.
Florence 2	do	136	8	.....	.....	.....	.....	.....	.....	.....	2.95	+0.12	1.05	0	7	16	9	5	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	65.9	.....	93	23	35	1	44	1.49	.....	0.59	0	7	10	14	6	sw.	Maner B. Robert.
Georgetown	Georgetown	12	30	63.0	--0.5	94	23	29	1	46	1.35	−1.98	0.50	0	4	18	10	2	n.	A. P. Hazard.
Kingstree	Williamsburg	54	41	63.0	−0.2	94	23	29	2	47	2.11	--0.70	0.60	0	9	20	0	10	ne.	W. H. Matthews.
Orangeburg 1	Orangeburg	264	7	63.2	.....	92	23	31	1	41	2.47	.....	0.65	0	10	12	12	6	sw.	U.S. Fisheries Station.
Orangeburg 2	do	264	3	.....	.....	.....	.....	.....	.....	.....	2.28	.....	0.66	0	9	18	4	8	w.	State A. and M. College.
Paris Island	Beaufort	13	42	65.3	+0.3	93	23	40	6	39	0.70	−1.61	0.70	0	1	14	9	7	sw	U. S. Marine Corps.
Pinopolis **	Berkeley	54	76	... ...	.....	.....	.....	.....	.....	.....	.....	.....	..	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	2.25	.....	0.60	0	7	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	63.7	−0.5	92	23	32	1	37	1.98	−1.28	0.54	0	9	11	13	6	.....	R. L. Utsey.
Society Hill	Darlington	192	32	60.7	−1.1	94	23	27	1	44	3.96	+0.70	1.55	0	12	23	5	2	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	64.0	+0.5	94	23	32	1	41	2.28	−1.13	0.73	0	7	18	10	2	w.	E. P. Lawton.
Wedgefield	Sumter	249	33	63.2	+0.8	91	23	28	1	40	2.27	−0.79	0.60	0	6	17	7	6	w.	W Hampton Ramsey.
Yemassee	Hampton	24	34	64.8	+1.0	92	23	33	1	40	1.17	−1.85	0.60	0	6	16	0	14	w.	W. C. Hutson.
Division means and	extremes	.....	....	63.2	+0.2	94	23	27	1	47	2.31	−0.73	1.55	0	8	15	8	7	sw.	
Western Portion.																				
Aiken	Aiken	527	61	63.7	+0.7	90	23	29	1	39	3.03	−0.06	1.07	0	7	15	1	14	nw.	Frank B. McCoy.
Anderson	Anderson	764	30	60.4	−1.0	91	23	28	1	38	6.25	+3.07	1.92	0	13	17	0	13	w	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	3.46	+0.90	0.77	0	10	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	59.0	.....	89	23	27	1	39	4.15	+0.63	1.02	0	8	10	9	11	e.	L. M. Parker.
Camden	Kershaw	222	73	60.9	−1.6	90	23	27	† 1	47	2.67	−0.41	0.65	0	10	20	2	8	w.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	3.60	+0.61	0.75	0	10	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	3.76	+1.23	0.84	0	10	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	1	60.1	.....	89	23	27	1	40	3.08	.....	1.00	0	9	9	12	9	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	[a]59.9	+0.3	[a]89	23	26	2	[a]39	5.76	+2.05	1.51	0	11	13	9	8	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	62.2	−0.6	90	23	29	1	31	2.17	−0.69	0.63	0	11	10	10	10	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	9	60.0	.....	89	23	28	1	32	4.95	.....	1.23	0	12	10	7	13	w.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	4.20	.....	1.08	0	8	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	4.03	+0.74	1.22	0	11	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	58.6	+0.1	88	23	26	1	31	5.77	+2.12	1.39	0	14	12	10	8	n.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	59.4	+0.9	87	24	27	1	35	4.13	+0.24	1.28	0	10	16	0	14	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	60.2	−0.2	89	23	25	1	41	4.30	+1.26	1.48	0	8	13	3	14	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	61.2	.....	90	23	26	1	47	2.73	.....	0.75	0	9	19	1	10	e.	John W. Hamel.
Landrum	Spartanburg	1063	8	57.0	.....	91	23	18	1	42	4.81	.....	2.11	0	8	17	9	4	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	57.6	.....	90	23	27	1	38	5.05	.....	1.36	0	10	10	13	7	.....	Perry A. Simpson.
Liberty	Pickens	900	23	60.0	−0.6	86	22	26	1	39	5.30	−0.58	1.50	0	13	12	10	8	sw.	John T. Boggs.
Little Mountain	Newberry	711	30	59.7	−2.1	89	23	26	1	38	4.60	+1.52	2.10	0	7	15	4	11	sw.	J. M. Sease, M. D.
Monetta	Saluda	400	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Joseph M. Johnson.
Newberry	Newberry	502	19	60.8	−1.4	93	23	28	† 1	42	4.50	+1.68	1.07	0	11	21	0	9	w.	Sue Ella Peterson.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	5.46	+1.72	1.80	0	12	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	... ...	.....	.....	.....	[b]29	1	[b]39	.....	.....	1.70	0	....	...	....	.....	.....	H. A. Riser.
Santuck	Union	512	30	59.0	−1.4	90	23	23	2	44	5.01	+1.79	1.15	0	13	13	10	7	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	59.4	−0.7	90	23	25	1	38	4.98	+1.90	1.43	0	11	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	30	62.2	−0.5	87	23	29	1	37	3.91	+0.56	1.17	0	8	17	6	7	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	57.5	−0.8	92	23	20	1	45	4.92	+0.87	1.28	0	14	14	9	7	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	29	[f]60.6	−0.5	[f]89	23	[c]26	1	[f]33	4.65	+1.97	1.14	0	14	18	0	12	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	59.4	−1.4	90	23	25	1	38	4.25	+1.23	1.30	0	6	14	14	2	s.	W. T. Clawson.
Division means and	extremes	.....	....	59.9	−1.2	93	23	18	1	47	4.33	+1.06	2.11	0	10	14	6	10	w.	
Section means and	extremes	.....	....	61.5	−0.9	94	23	18	1	47	3.48	+0.50	2.11	0	9	15	7	8	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

MARCH, 1923.—Columbia, Miscellaneous Data, page 9, and Climatological Data, page 10, greatest precipitation in 24 hours should be 0.95.

Daily Precipitation for April, 1923.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale |||	Savannah				.10	.25			.10		.06				.35				.20										.30	.01		1.37
Blackville |||	Edisto					T.			T.			.07	.01	.15		T.			.11					T.				T.	.72			1.06
Charleston ***	Coast				.58	1.08	.18			.09				.08	1.12				.43						.14						.69		4.39
Cheraw |||	Pee Dee					.27	.38			T.					.18				.07	.06					.10				.33	.15		1.54
Conway |||	Waccamaw																																
Darlington |||	Pee Dee					.75	T.			.06				.08	1.25				.42						.72				.62	.10		4.00
Effingham |||	Lynches					1.25				.14	.04				.66				.24	.04					.20			T.	.30	.20		3.07
Ferguson |||	Santee				.03	.58	T			.13		T.		.63	.51	.04			.19	.09				T.				.67	T.		2.87
Florence 1 |||	Pee Dee					.79	.03			.03	.04				.72				.24						.14				.58	.31		2.88
Florence 2 |||	....do					.03	.02							T.	1.05				.23						.17				1.00	.42		2.95
Garnett	Savannah				.10	T.	.05			.10				.59	.01	T.		T	.08						T.				T.	.56			1.49
Georgetown	Coast					.30	.50		T.								T.		.35										.20			1.35
Kingstree |||	Black					.41				.10				.07	.60				.10	.18					.15				.13	.37		2.11
Orangeburg 1	Edisto				.14	.60	.05			.14				.02	.47				.22	.06									.65	.12		2.47
Orangeburg 2	....do			.10	.48	.07			.15				.01	.46					.30									.05	.66			2.28
Paris Island	Coast																													.70		0.70
Pinopolis	Cooper																																
Rimini |||	Santee				.25	.55				.12				.25	.60					.32					.16							2.25
St. George	Edisto				.10	.50	.04			.08				.15	.45				T.	.10									.54	.02		1.98
Society Hill |||	Pee Dee				.38	.70	.11			.07	.04			.07	1.55	.02			.45						.07				.10	.40		3.96
Summerville	Ashley			.22		.73			.08	.04					.42				.15										.64			2.28
Wedgefield	Wateree				.48	T			.07	T.				.40					.47						.25				.60			2.27
Yemassee |||	Ashepoo				.10	.08	.15			T.					.19				.05											.60		1.17
Western Portion.																																	
Aiken	Edisto				1.07	.07				.07				.25	.71				.41										.45			3.03
Anderson	Savannah			.15	1.92				.14				.02	1.40	.02			.05	.17			.07			.05			.77	.48	1.01			6.25
Blairs |||	Broad				.22	.68				.15				.04	.52				.45						.42			.16	.77	.05		3.46
Calhoun Falls |||	Savannah				.15	1.02				.10	T.			.15	.85				.25						T.			.66	.97			4.15
Camden |||	Wateree				.30	.15				.08	.06				.58	.04			.30						.65				.45	.06		2.67
Catawba |||	Catawba				.40	.75				.13				.39	.53	.06			.40									.09	.66	.19		3.60
Chappells |||	Saluda				.20	.67				.30				.05	.66				.51						.12			.27	.84	.14		3.76
Chester	Broad			1.00	T.			.15						.44	.10			.10	.34					.05			T.	.10	.80			3.08
Clemson College	Savannah			.24	.86				.20					1.51	.03			.02				.23			.35		.22	.93	1.17			5.76
Columbia ***	Congaree			.16	.54	T.			.11	.07	T.		.02	.26				.16	.14					.20				.02	.49			2.17
Due West***	Savannah			.12	1.13	.01			.36				.02	.84	T.			.28	.12			T.		.15	T.		.56	.63	.73			4.95
Edgefield |||	Savannah				.42	1.08				.40					1.05				.45									.10	.48	.22		4.20
Gaston Shoals |||	Broad				.29	1.22				.10				.40	.61	.18			.14						.08			.30	.36	.35		4.63
Greenville ***	Saluda			.30	1.20	.19			.10				.24	1.11	T.			.09	.05			.06		.33	.07		.53	.95	.55			5.77
Greenwood |||	....do				.07	.63				.30				.13	1.15				.49						.11			.20	.95	.10		4.13
Heath Springs	Wateree			.20	.90	.03							1.48		.14			.35											.50	.70		4.30
Kershaw |||	Lynches				.45	.39	.01		.10					.05	.75				.31									T.	.54	.13		2.73
Landrum	Broad			.28	.81	.08								2.11	.21	.08													.59	.65		4.81
Laurens |||	Saluda			.09	1.36	.09			.28					.87				.41						.55			.32	1.05	.03		5.05
Liberty	Savannah			.25	.95	T.			.10			.01	1.50	.04				.02				.04		.82	.02		.50	.28	.80			5.30
Little Mountain	Saluda			.15	2.10	.15			.25						1.10			.10											.75			4.60
Monetta	Edisto																																
Newberry	Saluda			1.07	.24	.10			.15	.10				.78				.52						.40		.35	.09	.70				4.50
Pelzer |||	.....do				.18	1.80			.02	.02				.68	.70	T.			.34			.02		.30				.74	.64	.02		5.46
Saluda	.....do			.40	1.70				.30	.02				.55				.10	.30													
Santuck	Broad			.31	1.15	.03			.19				T.	1.08	T.	.04		.13	.34					.69	.03		.02	.12	.88			5.01
Spartanburg |||	.....do				.45	1.43				.05				.62	.58	.07			.23				T.		.40			.43	.42	.30		4.98
Trenton	Edisto			.21	1.17				.35	.08			T.	.62				.31	.26								T.	.91				3.91
Valhalla	Savannah			.27	.67	.03			.15		T.		.02	1.28	.09			.09				.09		.08	.01		.63	.64	.87			4.92
Winnsboro |||	Broad				.52	1.00				.15				.05	1.14										1.05				.66	.08		4.65
Winthrop College	Catawba				1.30				.30					.80		.25				.50									1.10			4.25

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	62.3	94	28	2.09	5				
1888	64.6	95	31	1.33	4				sw.
1889	62.4	93	30	2.01	6				ne.
1890	62.8	94	31	2.02	6				sw.
1891	63.2	92	26	1.66					sw.
1892	62.8	88	29	1.13					nw.
1893	66.7	94	34	1.30	5	15	10	5	sw.
1894	62.6	95	30	2.01	6	15	10	5	sw.
1895	61.4	94	28	5.55	10	12	9	9	sw.
1896	66.9	98	30	1.31	4	14	11	5	sw.
1897	62.2	95	31	3.24	9	16	6	8	sw.
1898	58.0	92	26	5.05	8	16	7	7	sw.
1899	60.0	91	27	3.02	7	12	9	9	n.
1900	62.4	90	24	5.41	9	12	9	9	ne.
1901	56.0	89	30	5.03	7	15	6	9	nw.
1902	60.4	91	24	2.18	7	15	9	6	w.
1903	60.4	88	26	2.95	8	14	9	7	w.
1904	59.2	89	21	1.34	6	14	8	8	sw.
1905	62.8	92	25	3.83	9	15	8	7	sw.
1906	65.1	93	28	1.39	4	20	6	4	sw.
1907	56.4	89	20	4.40	10	10	13	7	sw.
1908	66.6	95	31	4.75	9	11	10	9	sw.
1909	63.9	96	30	2.95	7	14	9	7	sw
1910	63.4	95	32	1.71	5	15	10	5	sw.
1911	61.6	91	30	2.95	8	12	9	9	ne.
1912	64.3	91	32	4.24	9	14	5	11	sw.
1913	61.2	90	30	2.00	6	20	4	6	sw.
1914	63.7	98	30	2.86	7	14	10	6	w.
1915	63.1	96	25	1.47	4	20	6	4	w
1916	61.6	93	24	1.79	5	18	8	4	w.
1917	64.9	96	28	3.34	7	20	6	4	sw.
1918	61.0	92	32	5.82	11	11	9	10	sw
1919	62.4	92	24	2.10	5	20	5	5	s.
1920	61.4	94	26	5.13	10	13	6	11	sw.
1921	63.3	91	27	2.43	6	16	8	6	s.
1922	64.5	95	33	5.11	8	14	7	9	sw.
1923	61.5	94	18	3.48	9	15	7	8	w.
Period	62.4	98	18	2.98	7	15	8	7	sw.

Daily Temperatures for April, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blackville	Maximum	34	68	66	67	77	63	70	76	60	67	79	79	80	79	68	80	65	66	70	84	83	87	94	74	82	82	85	86	82	84	....	74.6
	Minimum	30	33	39	55	57	49	44	42	45	38	40	53	62	60	46	44	47	43	43	48	52	57	57	69	58	50	58	60	64	54	..	49.9
Charleston	Maximum	50	64	68	77	73	69	69	76	63	60	70	70	78	80	62	70	68	62	73	76	79	88	93	71	74	73	74	77	81	75	..	72.1
	Minimum	37	41	56	62	64	58	54	62	49	46	50	60	63	62	52	49	56	48	48	55	62	64	64	63	60	60	63	70	64	61	....	56.8
Cheraw §§	Maximum	51	72	76	78	78	72	79	72	56	68	76	83	80	69	58	76	65	62	78	82	79	84	91	72	74	81	83	82	67	78	....	74.1
	Minimum	27	29	41	60	60	48	43	49	40	33	40	49	60	59	42	40	46	45	42	45	52	58	56	59	49	45	48	58	60	47	..	47.7
Conway	Maximum	52	67	75	79	81	73	74	79	69	65	77	72	80	80	61	70	69	64	79	82	84	86	94	86	75	78	79	80	79	79	....	75.6
	Minimum	29	33	48	59	64	54	46	54	46	35	40	50	52	60	46	41	47	48	44	46	56	62	57	57	47	44	47	62	63	48	....	49.5
Darlington §§	Maximum	51	70	76	80	87	73	77	75	55	66	78	80	83	79	57	77	62	65	78	82	82	85	92	71	74	78	82	83	71	79	....	74.9
	Minimum	28	29	41	53	60	50	42	54	42	33	37	49	58	58	43	40	46	46	45	45	57	60	61	55	49	45	47	59	60	48	....	48.0
Ferguson §§	Maximum	47	64	72	83	80	71	77	71	67	69	76	77	82	75	64	75	65	70	76	82	85	87	93	77	78	79	83	85	88	84	....	76.1
	Minimum	31	32	38	57	51	54	43	52	48	37	40	52	58	60	50	43	46	46	39	48	54	53	55	61	54	45	52	58	50	57	....	48.8
Florence 1	Maximum	52	69	76	80	79	73	77	76	56	66	79	81	84	79	53	78	62	64	79	83	83	86	94	71	76	81	83	84	71	80	....	75.5
	Minimum	29	31	48	61	62	52	45	56	43	35	42	52	59	59	44	41	48	47	45	52	57	61	58	58	50	48	54	60	61	48	....	50.2
Garnett	Maximum	56	71	76	87	81	76	80	77	66	72	80	81	86	81	71	80	72	65	81	85	82	90	93	85	80	85	85	91	80	83	....	79.3
	Minimum	35	38	51	60	62	54	47	55	48	41	40	56	61	61	50	41	49	45	41	47	58	57	59	65	59	53	54	66	67	53	....	52.5
Georgetown	Maximum	54	67	66	80	80	74	73	80	70	63	75	75	80	85	80	77	69	63	82	85	85	90	94	81	78	79	82	83	77	74	....	76.7
	Minimum	29	37	50	60	60	55	44	55	47	37	37	54	54	60	47	41	49	46	39	49	49	53	59	49	49	45	49	64	58	58	....	49.4
Kingstree	Maximum	53	69	76	83	82	73	79	78	66	66	78	73	83	78	73	78	69	65	79	83	83	89	94	81	77	81	85	84	77	81	....	77.2
	Minimum	31	29	49	58	61	53	43	54	46	35	39	53	60	59	40	40	47	46	41	45	54	54	56	58	51	46	49	59	62	49	....	48.9
Orangeburg 1	Maximum	51	65	73	82	80	71	77	76	61	64	77	78	84	78	71	78	75	63	77	83	82	87	92	81	77	80	82	88	80	79	....	76.4
	Minimum	31	34	45	59	60	52	44	55	45	37	39	54	60	60	46	42	45	44	42	45	56	58	59	62	58	47	50	63	60	52	....	50.1
Paris Island §§	Maximum	78	77	79	80	79	75	75	79	64	66	74	66	82	85	59	77	73	65	75	79	80	90	93	78	80	80	83	82	83	80	....	77.2
	Minimum	47	44	48	46	48	40	52	57	53	44	48	57	49	60	49	47	52	45	45	51	59	60	61	65	64	59	62	66	67	58	....	53.4
St. George	Maximum	55	70	72	81	79	73	78	76	58	66	78	78	80	77	55	78	78	76	80	82	82	88	92	83	80	78	84	87	78	80	....	76.7
	Minimum	32	36	42	53	61	54	45	48	49	39	41	48	59	60	42	42	48	42	48	52	56	61	59	65	58	49	49	56	66	54	....	50.7
Society Hill §§	Maximum	49	69	77	82	81	74	80	75	54	61	78	83	82	76	54	78	63	64	78	81	81	86	94	73	74	80	84	85	72	82	....	75.4
	Minimum	27	28	32	50	60	51	43	46	41	32	34	44	53	59	42	40	42	46	41	48	54	61	63	58	48	45	48	49	60	48	....	46.4
Summerville	Maximum	54	67	70	82	81	74	77	78	64	69	78	79	82	79	69	76	75	71	78	82	83	89	94	80	79	81	84	86	79	79	....	77.3
	Minimum	32	38	45	51	59	54	46	53	49	38	41	56	60	61	49	41	45	46	41	46	55	59	56	61	56	49	51	60	68	53	....	50.6
Wedgefield	Maximum	50	68	74	76	78	72	78	72	67	65	77	79	83	76	60	76	66	64	76	82	82	85	91	84	78	78	83	86	78	79	....	75.4
	Minimum	28	34	48	50	60	53	49	57	43	37	44	54	60	59	45	42	48	45	45	52	59	61	62	59	53	51	51	63	60	54	....	50.9
Yemassee	Maximum	57	70	74	82	81	75	77	76	67	71	77	79	84	81	80	79	76	65	79	81	82	88	92	82	79	80	83	88	82	83	....	78.3
	Minimum	33	38	49	59	59	52	45	52	57	38	38	54	60	60	50	41	48	47	41	43	55	57	60	64	58	49	51	62	67	52	....	51.3
Western Portion.																																	
Aiken	Maximum	49	67	73	77	73	72	76	74	65	66	76	78	79	75	75	75	74	64	77	81	79	83	90	85	78	78	81	85	83	80	...	75.6
	Minimum	29	31	51	60	59	45	46	47	42	43	56	61	59	45	51	49	42	45	51	57	59	61	60	63	59	54	57	64	61	54	....	51.8
Anderson	Maximum	50	66	61	69	68	72	76	70	54	68	74	78	72	73	65	75	63	62	74	79	72	86	91	75	76	76	67	78	75	75	....	71.3
	Minimum	28	30	49	55	59	44	47	54	44	39	44	52	58	60	43	47	47	39	44	52	52	57	59	62	54	52	56	61	58	50	...	49.5
Calhoun Falls §§	Maximum	52	59	62	67	66	73	75	72	58	70	75	78	77	79	67	74	62	67	76	80	77	86	89	82	77	80	72	81	81	79	...	73.1
	Minimum	27	29	29	37	41	41	44	52	39	37	39	43	50	56	41	43	45	37	39	41	50	57	58	59	54	51	51	56	56	47	....	45.0
Camden §§	Maximum	51	69	74	79	74	76	79	70	60	72	79	80	80	62	59	69	73	77	79	83	79	84	90	77	78	81	85	82	74	79	....	75.1
	Minimum	27	27	27	54	58	48	45	50	39	32	40	42	60	58	43	40	39	42	40	50	57	54	59	56	54	47	50	56	57	50	....	46.7
Chester	Maximum	47	64	70	71	68	75	68	64	66	73	77	77	76	67	59	74	64	63	75	79	78	82	89	72	74	76	75	80	76	77	....	71.9
	Minimum	27	30	56	58	44	43	56	39	36	41	45	51	59	47	40	42	44	43	41	51	59	58	56	56	50	59	52	61	59	47	....	48.3
Clemson College	Maximum	....	59	62	69	69	71	74	73	73	73	72	74	72	75	64	74	68	66	75	78	75	85	89	83	74	76	73	78	79	75	....	[a]73.4
	Minimum	27	26	47	52	57	40	41	49	41	34	39	43	56	53	43	41	44	36	41	41	55	57	54	60	51	47	54	60	56	47	....	46.4
Columbia	Maximum	49	64	72	76	74	71	75	70	60	64	75	78	79	75	60	75	61	64	76	80	80	84	90	75	74	78	81	84	73	78	....	73.2
	Minimum	29	33	50	61	58	50	48	58	42	38	45	54	60	47	45	46	48	43	45	52	62	59	63	60	56	49	58	65	60	53	....	51.2
Due West	Maximum	48	61	64	66	67	71	72	70	55	67	71	74	76	74	64	72	60	64	73	78	75	85	89	73	74	77	71	80	74	75	....	70.7
	Minimum	28	30	51	59	55	44	48	54	41	40	44	53	58	44	42	47	45	41	41	52	58	58	58	62	55	52	56	59	57	49	....	49.4
Greenville	Maximum	46	62	59	65	68	70	71	70	54	66	70	73	71	71	62	72	57	62	73	76	71	84	88	68	73	75	66	77	72	75	....	68.9
	Minimum	26	31	50	53	56	47	48	48	38	37	44	50	56	42	40	45	43	41	45	51	58	57	60	58	51	53	58	60	55	49	...	48.3
Greenwood	Maximum	53	51	63	68	69	68	71	75	70	56	65	74	77	77	74	63	72	61	63	74	78	75	83	87	75	74	77	70	80	70	...	70.4
	Minimum	27	28	37	51	58	44	46	56	41	38	42	49	49	59	42	45	46	40	45	49	56	57	60	61	52	49	58	60	57	51	....	48.3
Heath Springs	Maximum	45	59	68	71	69	66	70	63	60	63	71	76	71	66	71	70	67	69	70	75	75	80	89	86	84	85	86	84	81	76	...	71.9
	Minimum	25	27	49	59	60	46	43	55	38	35	43	52	58	40	58	43	48	43	47	51	59	60	62	58	48	50	49	51	48	54	....	48.6
Kershaw	Maximum	48	65	75	76	75	71	75	69	65	66	78	78	78	73	60	75	67	63	76	81	80	84	90	72	73	78	80	79	76	79	...	72.5
	Minimum	26	28	48	59	59	46	42	55	39	33	39	50	60	58	41	42	49	43	45	50	58	59	65	58	49	45	48	62	58	51	...	48.8
Landrum	Maximum	47	60	58	60	71	72	73	72	63	62	72	75	67	60	60	74	62	62	65	69	78	84	91	70	75	76	72	75	74	77	...	69.2
	Minimum	18	24	45	51	51	45	46	51	39	31	39	43	54	44	40	39	44	40	41	44	52	50	56	59	43	45	51	59	54	48	...	44.7
Laurens §§	Maximum	49	62	61	67	69	70	74	71	53	66	72	76	77	73	63	74	59	63	75	79	77	84	90	72	72	77	70	79	72	75	....	70.7
	Minimum	27	28	30	47	61	42	39	41	40	34	37	41	49	59	41	42	44	42	37	40	46	56	56	58	52	45	48	51	58	49	....	44.6
Liberty	Maximum	51	63	61	67	70	73	75	74	68	66	74	74	72	72	66	74	65	67	77	80	76	86	82	79	77	80	72	80	76	79	....	72.5
	Minimum	26	28	47	53	53	42	42	52	39	34	40	56	52	52	42	43	46	38	45	48	50	56	58	62	53	52	52	60	57	51	....	47.6
Little Mountain	Maximum	49	58	67	72	71	69	75	68	63	63	64	78	76	60	73	65	65	62	75	78	77	82	89	74	80	78	74	79	76	74	....	71.1
	Minimum	26	30	39	53	58	45	50	48	38	37	43	51	52	53	46	41	48	40	40	42	58	59	62	57	58	54	47	62	57	54	...	48.3
Monetta	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Newberry	Maximum	51	67	68	71	72	70	76	70	64	66	75	79	79	76	61	75	60	65	77	82	84	86	93	88	76	81	81	75	79	63	....	73.7
	Minimum	28	28	50	60	58	45	52	50	40	35	40	49	55	50	42	45	44	41	40	47	58	59	58	61	53	48	55	59	49	42	....	48.0
Saluda	Maximum	51	65	69	75	74	73	72	67	69	71	76	77	82	78	70	75	63	65	76	82	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	29	30	48	60	58	45	46	57	41	36	40	48	59	59	47	43	46	43	41	40	....	....	....	....	....	....	....	....	....	....	....	.....
Santuck	Maximum	49	66	67	69	71	71	74	70	66	66	78	76	75	72	62	74	65	64	75	78	77	84	90	75	73	76	73	80	77	77	....	72.2
	Minimum	28	23	43	60	59	40	37	53	40	31	37	45	59	48	41	39	39	43	39	43	60	58	53	58	46	43	48	60	58	45	....	45.9
Spartanburg	Maximum	48	63	62	72	73	70	75	73	67	68	73	76	73	68	63	75	66	63	77	79	75	85	90	71	74	79	73	78	77	78	....	72.1
	Minimum	25	26	47	55	57	43	43	53	38	35	40	45	57	46	39	44	44	42	45	45	47	55	58	58	48	49	56	60	58	50	...	46.7
Trenton	Maximum	52	66	69	74	70	70	74	68	63	66	75	78	80	74	70	72	70	62	75	79	77	82	87	80	79	80	82	83	78	80	...	73.8
	Minimum	29	32	49	60	58	46	49	56	39	39	44	54	58	54	43	45	44	42	46	51	58	60	62	62	57	53	56	56	59	55	...	50.5
Walhalla	Maximum	49	61	58	66	71	71	73	75	62	66	72	74	68	74	65	75	58	69	76	79	73	87	92	75	76	78	69	78	76	76	...	71.4
	Minimum	20	27	48	49	54	39	39	49	36	33	36	41	52	53	40	39	40	82	34	42	51	53	51	56	43	44	54	58	59	42	...	43.6
Winnsboro §§	Maximum	49	63	70	73	73	71	75	68	55	66	76	78	77	74	61	...	...	...	75	79	79	83	89	73	...	...	...	81	77	77	...	[c]72.3
	Minimum	26	29	38	55	59	46	47	56	40	36	43	52	59	58	42	42	....	43	...	52	57	59	60	59	52	...	...	...	...	58	51	[c]48.8
Winthrop College	Maximum	49	62	66	68	71	70	78	68	63	65	72	75	74	69	61	73	63	64	70	79	77	85	90	75	73	75	78	77	76	77	...	71.4
	Minimum	25	30	30	60	60	46	42	63	36	35	45	50	51	45	38	52	43	43	43	50	57	55	55	54	46	51	53	55	58	49	...	47.3

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

UNIVERSITY OF ILLINOIS LIBRARY

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., MAY, 1923. No. 5.

GENERAL SUMMARY.

The month was marked by intermittent and badly distributed rains, the greatest average cloudiness for May on record, and temperatures below the seasonl average.

Much cloudiness, intermittent rains, and relatively low temperatures, especially at night, were not favorable for best development in cotton and corn, and germination was very irregular, with much replanting and considerable complaint of grass in fields. Cotton chopping became general during the first week and was proceeding up-State at the end of the month. Boll weevils appeared in increasing numbers during the last week in the eastern and southern counties. Winter cereals were good to excellent generally; the oat and rye harvests began about the middle of the month, becoming general at the close; wheat was ripening in the southern portion of the belt at the end of the month. Tobacco, truck, and other field crops were in good condition, but needed more sunshine; sweet potato transplanting progressed favorably, and the white potato harvest in the trucking region showed good results. Native strawberry shipments began at the opening of the month and ended about the close, when dewberries and blackberries became plentiful. Pastures were in good condition. Vegetables were abundant.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29.95 inches. The highest pressure was 30.25 inches at Charlotte, N. C., on the 24th, and in the Section proper, 30.23 inches at Due West on the same date; the lowest pressure was 29.56 inches at Savannah, Ga., on the 5th, and in the Section proper, 29.57 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 68.0°, or 3.1° below the normal. The highest temperature was 94° at Blackville on the 14th. There were no well-defined warm periods. The lowest temperature was 31° at Walhalla on the 10th. The cool periods were from the 4th to 11th, about the 17th, and from the 24th to the 26th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 60%; 8 p. m., 71%. The highest percentages occurred in the southern and western counties, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 6.41 inches, or 2.78 inches above the normal. There were but four days without rain in some parts of the Section. Precipitation was badly distributed; excepting a small area of the north-central interior, where the amounts were less than 3 inches, the rainfall was generally above normal and ranged from 4 to over 13 inches. The greatest local monthly amount was 13.45 inches at Landrum; least local monthly amount, 2.32 inches at Camden. The greatest 24-hour amount at any station was 6.60 inches at Florence No. 1 and Florence No. 2 on the 28th and 29th. The number of rainy days 50% above normal.

A series of severe thunderstorms, accompanied by heavy wind squalls, occurred in sections of Abbeville and Laurens Counties on the 15th; the general damage from lightning and wind was estimated at $20,000 to $40,000.

A severe hailstorm occurred at Catawba on the 23d; considerable crop damage resulted; some of the hailstones were as large as hen eggs.

WIND.

The prevailing wind was from the east. The average hourly velocity, determined from 9 anemometer reports, was 8.2 miles. The highest average velocity was 11.4 miles per hour at Savannah, Ga., and in the Section proper, 11.3 miles per hour at Charleston; the lowest average was 4.4 miles per hour at Augusta, Ga., and in the Section proper, 6.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 43 miles per hour from the southwest at Due West on the 15th and from the northwest at Savannah, Ga., on the 9th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 237.7 hours, or 55% of the possible amount. The average number of clear days was 12; partly cloudy, 7, and cloudy, 12, as against normals of 15, 9, and 7 days, respectively. The number of cloudy days was the greatest average for May on record.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in the western up-State streams between the 16th and 18th and at the close of the month. The Santee River was in flood at Rimini from the 9th to the 12th, 19th to 21st, and after the 24th; and at Ferguson, from the 10th to the 14th, on the 20th and 21st, and after the 25th.

MISCELLANEOUS PHENOMENA (dates).

Frost.—Light: Camden, 10; Catawba, 10; Chester, 9, 10; Clemson College, 9, 10; Due West, 10; Greenville, 10; Laurens, 10; Walhalla, 9. *Killing:* Walhalla, 10.

Halos—Lunar: Charleston, 26; Columbia, 26, 28, 29; Greenville, 1, 2, 11. *Solar:* Charleston, 12, 29; Columbia, 11, 12; Due West, 1, 2, 11, 12, 14, 27, 31; Greenville, 1, 2, 11, 16, 18; Liberty, 12, 13, 18; Santuck, 2, 10.

Hail.—Catawba, 23; Summerville, 8.

MISCELLANEOUS DATA FOR MAY, 1923.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	29.95	60.7	80	35	5.71	1.88	8.3	se.	80	55	65	49
Augusta, Ga.....	29.94	69.5	88	44	6.01	2.24	4.4	e.	80	56	70	50
Charleston, S. C...	29.95	70.7	81	49	6.30	3.11	11.3	e.	76	64	76	65
Charlotte, N. C ...	29.95	66.2	87	40	4.01	0.99	4.9	ne.	73	57	64	58
Columbia, S. C....	29.95	69.1	87	42	2.97	0.65	6.6	ne.	87	61	68	44
Due West, S. C....	29.96	66.2	84	37	7.77	1.62	8.9	ne.	83	64	....	42
Greenville, S. C...	29.93	65.0	84	40	5.79	1.62	9.3	ne.	80	63	69	55
Savannah, Ga.....	29.94	71.1	86	47	5.52	1.64	11.4	s.	79	62	78	58
Wilmington, N. C.	29.97	68.2	82	44	1.32	0.70	8.5	sw.	78	59	75	75
Means and extremes	29.95	67.4	88	35	5.04	3.11	8.2	ne.	80	60	71	55

Climatological Data for May, 1923.

Stations	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John Black, Jr.
Blackville	Barnwell	296	39	70.2	−3.1	94	14	42	10	41	6.30	+2.80	1.50	0	9	11	6	14	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48*	52	70.7	−2.0	81	1	49	†10	20	6.30	+2.83	3.11	0	14	6	7	18	e.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	68.4	−2.3	90	19	39	10	42	2.76	−0.74	0.67	0	8	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	69.4	−1.5	87	13	41	11	43	6.07	+2.51	1.19	0	10	15	5	11	se.	Paul Quattlebaum.
Darlington	Darlington	175	28	68.2	−3.0	83	23	39	10	37	4.92	+1.58	1.55	0	12	10	3	18	.....	D. C. McCall.
Ellingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	4.12	+0.59	1.80	0	12	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	68.4	−2.8	89	15	40	†10	39	4.49	+0.32	1.90	0	9	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	70.2	−2.0	89	27	41	10	41	11.22	+7.52	6.60	0	13	16	11	4	sw.	H. K. Gilbert.
Florence 2	....do	136	8	.....	.....	.....	.....	.....	.....	.....	9.92	+6.22	6.60	0	9	8	12	11	e.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	70.9	.....	90	†14	42	10	44	8.33	.....	2.07	0	16	8	11	12	se.	Maner B. Robert.
Georgetown	Georgetown	12	30	69.6	−2.6	86	†13	41	11	40	3.06	−0.38	0.75	0	8	17	11	3	se.	A. P. Hazard.
Kingstree	Williamsburg	54	41	69.4	−2.4	90	14	41	10	39	6.07	−2.88	1.50	0	11	22	0	9	ne.	W. H. Matthews.
Meggett	Charleston	19	....	°71.9	.....	°89	12	°49	10	°34	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. L. Joyner.
Orangeburg 1	Orangeburg	264	7	69.4	.....	89	14	42	10	34	3.98	.....	0.91	0	13	9	12	10	se.	U. S. Fisheries Station.
Orangeburg 2	....do	264	3	.....	.....	.....	.....	.....	.....	.....	4.10	.....	0.90	0	13	11	4	16	e.	State A. and M. College.
Paris Island	Beaufort	13	42	71.4	−2.1	89	1	48	†10	34	6.20	+3.05	2.00	0	10	9	10	12	sw.	U. S. Marine Corps.
Pinopolis**	Berkeley	54	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	4.43	.....	1.55	0	6	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	69.4	−3.4	88	14	42	10	34	6.44	+3.16	1.75	0	10	13	5	13	.....	R. L. Utsey.
Society Hill	Darlington	192	32	68.2	−2.6	88	1	38	10	43	7.58	+4.28	4.35	0	11	21	0	10	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	69.6	−2.3	88	†13	41	10	40	8.09	+4.77	1.91	0	16	11	13	7	e.	E. P. Lawton.
Wedgefield	Sumter	249	33	69.9	−1.3	89	14	42	10	37	3.68	+0.35	1.10	0	7	16	8	7	sw.	W Hampton Ramsey.
Yemassee	Hampton	24	34	69.8	−2.8	87	†13	41	10	42	11.60	+8.10	2.52	0	12	14	1	16	s.	W. C. Hutson.
Division means and	extremes	.....	....	69.7	−2.1	94	14	38	10	44	6.17	+2.68	6.60	0	11	12	7	12	e.	
Western Portion.																				
Aiken	Aiken	527	61	69.4	−2.0	89	14	41	10	38	6.45	+2.99	2.53	0	11	11	1	19	e.	Frank B. McCoy.
Anderson	Anderson	764	30	65.8	−4.6	82	†15	39	† 9	36	8.99	+5.95	1.75	0	18	7	4	20	e.	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	5.47	+2.60	1.55	0	15	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	66.1	.....	89	23	37	10	36	9.71	+5.75	2.02	0	12	8	1	22	e.	L. M. Parker.
Camden	Kershaw	222	73	69.6	+0.1	89	†14	40	10	36	2.32	−0.89	0.65	0	10	20	0	1	w.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	6.24	+2.54	2.40	0	10	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	5.25	+2.57	1.19	0	12	.....	.....	.....	.....	George V. Champ.
Chester	Chester	487	1	66.2	.....	85	†15	36	10	40	4.83	.....	1.42	0	15	9	8	14	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	65.2	−3.7	83	1	36	10	39	10.98	+7.37	2.10	0	15	14	4	13	sw.	Prof. E. H. H. Calhoun.
Columbia	Richland	351	37	69.1	−2.7	87	14	42	10	32	2.97	−0.22	0.65	0	11	7	6	18	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	9	66.2	.....	84	15	37	10	33	7.77	.....	1.62	0	19	3	11	17	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.. ..	.....	.....	.....	.....	.....	.....	4.39	.....	1.00	0	9	...	...	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	5.96	+2.78	1.27	0	13	...	...	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	65.0	−2.7	84	22	40	9	31	5.79	+1.48	1.62	0	16	6	8	17	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	65.2	−5.7	82	16	40	† 9	38	7.80	+4.25	1.95	0	14	9	0	22	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	66.2	−4.0	82	30	40	† 9	34	4.16	+0.99	1.84	0	10	7	10	14	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	68.0	.....	88	19	38	†10	40	3.79	.....	1.27	0	12	9	1	21	e.	John W. Hamel.
Landrum	Spartanburg	1063	8	65.3	.....	84	21	37	† 9	42	13.45	.....	2.35	0	13	10	12	9	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	°64.0	.....	°83	†15	°36	10	°37	3.90	.....	2.24	0	11	8	22	1	.....	Perry A. Simpson.
Liberty	Pickens	900	23	66.4	−3.7	86	21	40	9	41	10.32	+5.99	2.35	0	16	10	11	10	sw	John T. Boggs.
Little Mountain	Newberry	711	30	66.7	−5.2	86	15	38	† 9	38	6.01	+3.09	2.19	0	7	15	2	14	s.	J. M. Sease, M. D.
Newberry	Newberry	502	19	69.2	−2.0	92	26	37	10	40	3.19	−0.07	0.90	0	7	15	8	8	se.	Sue Ella Peterson.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	8.99	+5.04	2.20	0	15	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	... ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. A. Riser.
Santuck	Union	512	30	66.4	−3.9	86	23	34	10	43	7.38	+4.32	2.48	0	15	9	15	7	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	67.1	−2.3	87	15	38	9	39	4.99	+0.90	1.66	0	12	...	...	.....	.....	F. F. Robinson.
Trenton	Edgefield	620	30	67.8	−4.3	88	†15	40	† 9	41	5.05	+1.94	1.61	0	8	12	13	6	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	63.6	−3.7	84	†15	31	10	45	10.19	+6.43	1.63	0	16	11	8	12	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	29	67.8	−3.2	88	22	38	10	35	7.76	+4.67	4.16	0	13	13	6	12	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	67.6	−2.5	84	†15	40	9	35	8.42	+4.22	1.90	0	10	11	16	4	s.	W. T. Clawson.
Division means and	extremes	.....	....	66.7	−3.7	92	26	31	10	45	6.64	+3.25	4.16	0	13	10	8	13	sw.	
Section means and	extremes	.....	....	68.0	−3.1	94	14	31	10	45	6.44	+2.78	6.60	0	12	12	7	12	e.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

APRIL, 1923.—Blackville: Page 14, total precipitation, 2.95; greatest in 24 hours, 1.10; rainy days, 9. Page 15, daily precipitation, 10th, omit 0.06; 13th, should read 0.25; 14th, 0.30; 15th, 0.35; 30th, 1.10; monthly total, 2.95.

Daily Precipitation for May, 1923.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
llendale ‖‖	Savannah					.70	.30	.25		.85						.35	1.50					1.10									.75	.50	6.30
ackville ‖‖	Edisto																																6.30
harleston ***	Coast			.01	2.03	1.44	.01		.80								.12				.01	.14		.43	.01		T	.25	.41	.31		.33	2.76
eraw ‖‖	Pee Dee					.17	.67			.18						.14	.38					.53							.36	.33			
nway ‖‖	Waccamaw					.17	.82										.95	1.19				.23		.06	1.14				.03	T.	1.05	.43	6.07
rlington ‖‖	Pee Dee					.08	.05			.55					T.	.05	.80	T.				1.55		.02	.17				.18	.44	.75	.28	4.92
lingham ‖‖	Lynches				T	T.	.22			.36					.16	.08	1.80					.36	.10	.14	.04				.40	T.	.30	.16	4.12
rguson ‖‖	Santee				T.	.05	.82			.32							1.90				.18	.14			T.				.44	.19		.45	4.49
orence 1 ‖‖	Pee Dee				.03	.04				.44					.02	.06	2.31					.17		.04	.02				.41	6.60	.89	.19	11.22
orence 2 ‖‖	.....do									.52					.05	1.08	.01					.20	T.	T.					.30	6.60	.84	.32	9.92
rnett	Savannah			.07	.43	.80			.05							.10	1.34				.55	T.	T.	1.04	.05	.01	.02	2.07	.24	.84	.12	.60	8.33
eorgetown	Coast					.40	T.		.60	T.						.17					.68		.17	.13				T	.16	.75	T.		3.06
ingstree ‖‖	Black				.08	.43	1.47	.05							.10	1.50	.08				1.02		1.00						.18			.16	6.07
eggett	Coast																																
rangeburg 1	Edisto				T.	.79	.45	.02	T.	.43						.04	.91	T.				.04		.30			.04		.06	.58	.06	.26	3.98
rangeburg 2	.....do			.02	.65	.85	.18		.30							.10	.10					.20		.30	.50			.01	.90	.23	.60	.15	4.10
aris Island	Coast					.50	.40									.90	.50					.20		.30	.50				2.00		.20	.70	6.20
inopolis	Cooper																																
imini ‖‖	Santee						1.08			1.55						1.10	.10												.30		.30		4.43
t. George	Edisto				T.	1.75	.38	.07		.50							1.12					.24		.14					.70	.14		1.40	6.44
ociety Hill ‖‖	Pee Dee					.06	.38			.29							.33	.62				.20		.05	4.35				.65	.23	.42		7.58
ummerville	Ashley				.48	.81	.09		1.91					.26		.42	.78				.38	.04		.38		.05		1.52	.65	.18	.05	.09	8.09
edgefield	Wateree				.20	.05			.50								.75					.08						T.		1.00		1.10	3.68
ennssee ‖‖	Ashepoo				.09	1.84	1.62			.15							2.52	.11				1.26			.40				1.18	1.17	1.18	.08	11.60
Western Portion.																																	
iken	Edisto				.27	.27	.09		.61						.40	2.53					.53				.05	.11		.25			1.34	6.45
nderson	Savannah			.04	1.75	.15			.39					.05	.86	1.08				.40	.39			.37	.25	.10	.32	.50	1.33	.56	.21	.24	8.99
lairs ‖‖	Broad				.05	.15	.52		.12	.10					.05	.56	.02				.14		1.55	1.34					.48	.18	.29	.22	5.47
dhom Falls ‖‖	Savannah				.67	1.12	.18		.72	.20				T		T.	2.02				.93							.91	.78	.10	1.20	.88	9.71
nden ‖‖	Wateree				.14	.12	.15									.65	.15				.06								.05	.35	.05	.60	2.32
tawba ‖‖	Catawba					.37	.29									1.67	.13				.48		.07	2.40	.13			.40		.30		6.24
appells ‖‖	Saluda				.09	.10	.70		.50	.05						.89					.97						.05	.11	.49	.11	1.19	5.25
hester	Broad				.40	.07	.20	.09							.02	.80		.02	.30	.02		.91	.31		T.				1.42	.12	.05	.10	4 83
emson College	Savannah				1.25				1.05						.07	.70	1.68			.03	.28			.24	.63		.51	.18	1.45	.36	2.10	.45	10.98
olumbia ***	Congaree			.01	.27	.62	.03		.43					T.	T.	.38	.20				.31	.02	T.	T.		T.		T.		.65	T.	.05	2.97
ne West***	Savannah			.10	1.15	.30	.05		.57					.05	.01	.82	.80			.03	.98	T.		T.	.01	.49	.07	.38	.49	.30	1.16	.01	7.77
dgefield ‖‖	Savannah					.30		.30	.25								1.60					.22		.90	.48				.41			.53	4.39
aston Shoals ‖‖	Broad					.99	.64		.08	T.				.22		T.	1.79					.14		.03	.76	.38			.35	.06	.14	.38	5.96
reenville ***	Saluda			.01	.93	.09			.21				.05	.02		.49	1.13			T.	.07			.34	.45		T.	.27	1.42	.15	.10	.66	5.79
reenwood ‖‖	.....do				.33	.37	.50	.15	.33	.11							1.95					1.10			.39			.03	1.57	.41	.23	.33	7.80
eath Springs	Wateree				.30	.68										.61	.08				.20	.10	.07	1.84					.12	.16			4.16
ershaw ‖‖	Lynches					.19	.14			.06							.52	.22				.24		.44	1.27				.19	.31	.19	.02	3.79
andrum	Broad				1.15	2.31			.11						.12		1.98							2.35	.46	.06			2.04	1.05	.98	.73	13.45
aurens ‖‖	Saluda			.03		.29	.04		.27						.06	.06	2.24					.23						.19	.17	.32			3.90
iberty	Savannah			T.	1.80	T.			.20						.02		.70			.10	.20			.30	.40	.35	.05	.06	2.35	1.10	1.15	.14	10.32
ittle Mountain	Saluda				.15	.25											1.72					.20			2.19					1.30		.20	6.01
ewberry	Saluda					.72				.42							.90					.20		.50	.10					.35			3.19
elzer ‖‖	.....do				.46	1.00	.15		.34	.12					T.		2.20				T.	.02			.74	.36	.02	.26	1.08	.50	1.38	.36	8.99
ahda	.....do																																
untuck	Broad				.63	.78	.01		.18						.18		1.00				.44	.18		2.04	.44	.06			.88	.26	.12	.18	7.38
partanburg ‖‖	.....do					.73	.28		.09	.03							1.66					.35			.12	.40			.65	.55	.07	.06	4.99
renton	Edisto				.38	.10	T.									1.14					.19		T.		T.	T.	T.	.96	.35	T.	.32	1.61	5.05
alhalla	Savannah				1.29	.06			.76						.27	.80	.93			.57	.96			.11	.24	T.	.38	.29	.80	.85	1.63	.25	10.19
imsboro ‖‖	Broad				.30	.20	.37			.61						.19	1.06	.03				.10			4.16				.22	.18	.05	.29	7.76
inthrop College	Catawba				.25	1.50	.30		.25								1.10				1.12			1.90	.30				1.30	.40			8.42

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MAY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.5	97	41	3.17	10				
1888	70.2	99	33	7.51	11				
1889	71.7	101	35	1.97	5				nw.
1890	71.0	95	30	5.44	10				sw.
1891	69.0	100	36	3.57					ne.
1892	71.1	94	39	3.53					
1893	70.2	97	38	4.13	9	13	9	9	sw.
1894	70.7	98	38	3.43	9	10	16	5	sw.
1895	69.0	101	34	4.36	9	11	12	8	sw.
1896	76.7	104	42	2.74	8	14	13	4	sw.
1897	69.3	97	38	2.39	6	18	8	5	sw.
1898	73.8	106	39	1.35	5	18	10	3	sw.
1899	73.7	100	45	1.68	5	15	10	6	sw.
1900	70.2	96	38	2.37	5	19	7	5	sw.
1901	71.4	99	40	7.31	11	13	10	8	sw.
1902	74.0	101	42	2.69	8	15	10	6	sw.
1903	70.7	104	44	2.69	9	12	9	10	ne.
1904	70.6	99	38	2.04	7	18	8	5	s.
1905	73.4	99	42	5.70	13	12	9	10	sw.
1906	70.7	99	30	3.00	7	17	6	8	sw.
1907	70.8	96	41	4.51	10	11	12	8	sw.
1908	71.8	96	36	2.92	7	16	11	4	sw.
1909	69.5	100	35	4.26	8	14	12	5	sw
1910	69.8	99	40	4.03	8	15	10	6	sw.
1911	72.6	106	35	0.65	3	20	8	3	ne.
1912	72.4	101	43	4.08	9	16	6	9	sw.
1913	71.7	101	38	2.13	6	19	6	6	sw.
1914	72.1	105	42	0.83	3	18	10	3	sw
1915	73.0	98	46	7.20	11	11	11	9	w.
1916	73.8	103	42	2.44	5	20	7	4	sw.
1917	66.3	98	31	3.09	7	18	7	6	w
1918	72.6	100	31	3.48	7	19	8	4	sw.
1919	71.0	96	42	5.23	11	12	11	8	s.
1920	67.6	94	42	1.77	6	16	9	6	ne.
1921	68.1	98	36	5.30	10	12	10	9	ne.
1922	71.0	98	38	5.89	12	12	8	11	se.
1923	68.0	94	31	6.44	12	12	7	12	e.
Period	71.1	106	30	3.66	8	15	9	7	sw.

Daily Temperatures for May, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blackville	Maximum	88	79	76	70	78	78	85	77	67	74	82	86	87	94	86	82	84	87	87	85	89	88	85	80	74	83	82	83	82	82	79	81.9
	Minimum	51	57	60	60	60	56	55	59	44	42	45	55	56	61	68	62	54	56	54	64	62	66	64	64	57	62	64	65	64	65	65	58.6
Charleston	Maximum	81	77	72	71	72	77	76	77	69	69	73	76	79	79	80	78	75	78	79	79	78	79	78	76	76	73	76	76	79	79	76	76.2
	Minimum	62	65	65	64	64	60	62	63	53	49	54	66	67	70	72	67	63	65	68	70	70	72	69	66	64	70	66	69	69	69	69	65.2
Cheraw§§	Maximum	83	84	82	69	61	81	84	72	64	69	81	82	81	83	84	80	79	81	90	85	86	89	89	66	76	68	89	89	77	88	88	80.0
	Minimum	49	51	56	55	57	54	54	52	43	39	41	59	61	60	65	64	51	52	56	61	65	64	65	58	57	58	60	66	63	62	63	56.8
Conway	Maximum	85	84	79	72	69	78	83	80	68	70	76	84	87	85	84	83	81	82	83	83	85	84	81	80	75	77	81	81	76	84	79	80.0
	Minimum	50	53	57	60	61	61	54	54	49	43	41	58	64	61	67	65	57	54	62	59	66	64	67	58	59	59	60	67	65	62	65	58.8
Darlington§§	Maximum	84	82	81	72	64	78	85	76	65	69	78	82	81	83	84	82	78	84	87	84	83	88	83	70	78	83	85	75	75	85	83	79.6
	Minimum	49	54	57	55	56	57	52	55	45	39	41	55	65	60	68	63	53	52	51	60	65	61	65	57	56	57	58	66	63	63	64	56.8
Ferguson§§	Maximum	84	79	72	73	76	77	83	76	65	69	79	81	84	86	89	80	82	83	84	82	82	83	78	78	78	84	83	78	81	85	79	79.8
	Minimum	51	54	58	59	63	54	56	58	47	40	40	52	57	62	69	63	55	53	58	62	60	60	66	62	60	59	62	61	67	69	65	58.1
Florence I	Maximum	84	84	82	75	71	80	86	81	68	70	80	85	84	88	83	83	79	85	87	86	82	87	85	78	81	84	89	80	73	86	81	81.5
	Minimum	54	55	57	57	60	58	55	57	45	41	44	59	65	64	70	64	55	55	56	64	65	63	66	58	57	59	60	66	69	64	65	58.9
Garnett	Maximum	87	76	80	74	80	76	84	80	74	72	83	87	89	90	84	81	82	86	86	84	84	87	79	79	76	82	78	83	90	86	76	81.8
	Minimum	53	59	62	62	61	58	58	59	48	42	43	54	61	61	70	64	55	56	60	63	63	63	66	65	60	64	65	66	67	64	68	60.0
Georgetown	Maximum	85	85	76	79	77	80	80	82	69	72	78	81	86	86	85	82	83	83	84	84	86	84	84	80	80	75	80	82	75	84	80	80.8
	Minimum	49	50	60	61	63	59	54	54	48	42	41	51	64	64	69	63	56	54	51	60	65	64	68	60	59	64	64	60	66	62	66	58.4
Kingstree	Maximum	85	84	80	73	71	76	84	77	77	71	79	82	86	90	87	81	81	85	85	83	83	83	80	78	73	80	82	79	76	87	82	80.6
	Minimum	50	53	59	58	61	58	54	55	47	41	43	43	63	64	68	63	63	55	57	61	61	63	66	60	58	59	60	65	66	63	67	58.2
Meggett	Maximum	85	78	78	....	....	....	....	....	78	74	83	89	79	78	79	76	78	79	80	79	79	85	83	78	79	78	78	77	79	78	77	[a]79.4
	Minimum	68	56	50	....	....	....	....	....	67	49	68	69	67	69	63	61	62	65	69	72	72	55	60	55	67	68	69	68	69	68	69	[a]64.4
Orangeburg I.	Maximum	84	79	76	68	73	73	82	76	74	69	79	84	84	89	84	82	78	85	85	80	84	84	81	76	76	81	82	80	80	84	80	79.7
	Minimum	50	52	61	60	62	57	55	56	46	42	50	51	63	62	69	63	54	55	59	62	64	68	67	64	57	60	61	65	66	64	66	59.1
Paris Island§§	Maximum	89	80	79	82	78	78	80	83	69	73	76	80	83	84	78	78	83	84	84	81	83.	85	83	77	78	80	84	84	85	84	78	80.7
	Minimum	58	64	62	65	62	58	60	63	49	48	48	64	62	60	66	64	59	61	65	67	65	67	67	66	62	63	67	64	63	67	68	62.1
St. George	Maximum	84	78	78	70	72	78	84	82	66	69	77	83	83	88	81	80	80	79	85	83	82	85	82	78	79	82	84	79	87	83	85	80.2
	Minimum	51	55	55	62	61	59	55	51	48	42	43	53	63	63	68	64	56	55	56	59	63	63	66	60	60	61	62	65	67	65	63	58.5
Society Hill§§	Maximum	88	87	81	73	63	79	84	76	65	70	79	84	81	81	86	81	80	85	87	87	85	85	86	68	77	83	85	79	76	85	83	80.3
	Minimum	48	49	55	57	55	56	57	53	44	38	39	41	61	61	61	64	53	52	54	59	65	66	66	58	58	58	59	66	64	63	63	56.2
Summerville	Maximum	84	78	79	74	77	77	81	79	67	69	78	83	88	88	82	79	81	84	84	81	81	87	81	77	78	78	84	81	83	86	80	80.3
	Minimum	52	55	60	62	62	59	55	55	49	41	43	53	62	61	68	65	56	56	59	61	63	63	68	62	60	52	62	65	68	64	68	59.0
Wedgefield	Maximum	83	78	80	72	78	78	84	79	74	69	77	82	89	89	85	85	79	83	85	82	83	86	81	77	79	80	80	86	80	88	83	80.9
	Minimum	53	58	59	58	57	58	57	58	43	42	45	59	65	53	69	64	54	53	60	64	65	63	65	61	58	59	65	66	66	64	66	58.9
Yemassee	Maximum	84	76	78	76	80	77	83	80	76	71	77	84	87	87	81	80	82	84	83	82	82	85	79	79	79	82	79	80	86	85	77	80.7
	Minimum	51	55	58	61	61	58	57	55	47	41	42	52	60	60	68	63	54	55	58	61	62	62	66	66	60	64	63	64	65	67	67	58.8
Western Portion.																																	
Aiken	Maximum	83	80	73	72	69	75	81	80	74	68	79	82	80	89	86	80	79	83	84	81	80	85	84	72	71	78	82	83	80	83	79	79.2
	Minimum	53	59	59	60	61	57	56	60	44	41	46	54	68	62	63	68	55	57	56	62	65	66	67	63	57	61	64	66	69	65	70	59.7
Anderson	Maximum	80	74	70	64	63	75	79	78	66	68	75	78	73	78	82	73	75	78	81	73	81	81	82	64	70	73	77	76	78	77	76	74.6
	Minimum	54	59	59	53	55	53	56	59	39	39	48	55	61	59	62	62	50	55	60	62	63	62	63	52	52	54	62	62	65	66	64	56.9
Calhoun Falls§§	Maximum	83	81	70	60	63	75	82	71	62	69	78	81	79	86	83	78	81	84	86	83	80	86	89	66	73	77	81	81	83	83	79	77.9
	Minimum	47	56	58	54	54	53	52	54	39	37	38	49	58	56	58	59	48	50	57	57	60	60	60	56	54	55	58	58	63	63	61	54.3
Camden§§	Maximum	83	85	83	70	68	81	85	74	64	69	79	83	81	89	86	81	76	86	86	82	84	88	86	69	79	85	89	83	81	89	84	81.0
	Minimum	52	54	55	56	55	53	55	56	45	40	43	50	60	64	65	70	60	56	59	64	64	64	71	59	56	60	61	65	66	63	65	58.3
Chester	Maximum	81	79	75	66	63	77	79	66	66	67	76	80	75	81	85	79	76	80	84	81	84	87	69	76	66	79	84	79	77	85	81	75.8
	Minimum	50	54	59	53	54	55	60	40	41	36	41	56	65	58	67	62	49	62	65	65	66	54	56	56	55	57	60	65	66	64	64	56.6
Clemson College	Maximum	83	74	72	60	69	77	79	75	70	68	75	78	78	77	80	74	75	78	81	78	82	82	82	65	71	72	77	78	80	78	79	75.5
	Minimum	47	52	58	53	55	52	51	57	38	36	39	52	55	57	62	61	46	50	55	60	64	63	65	53	54	55	62	62	63	63	62	54.9
Columbia	Maximum	84	79	77	68	66	73	82	74	66	67	77	81	80	87	83	81	78	82	84	76	82	85	84	69	75	78	82	84	80	85	81	78.4
	Minimum	52	62	61	57	56	56	58	61	43	42	48	59	67	63	62	62	51	58	63	65	65	66	68	59	58	61	62	68	60	65	67	59.8
Due West	Maximum	81	75	71	62	62	72	79	73	60	67	76	79	75	82	84	76	75	80	81	76	79	83	83	64	70	73	79	79	79	81	78	75.3
	Minimum	54	59	61	55	56	56	55	54	40	37	42	53	62	60	61	56	50	55	61	61	65	63	64	56	56	57	62	64	67	65	64	57.2
Greenville	Maximum	78	74	71	62	60	74	78	73	60	68	74	77	73	71	81	72	74	78	80	72	81	84	81	60	67	74	77	75	76	77	74	73.4
	Minimum	57	57	57	53	53	53	56	50	40	41	43	57	60	60	60	60	49	56	60	63	65	66	60	52	53	58	63	66	64	62	62	56.7
Greenwood	Maximum	74	78	74	70	60	61	71	78	71	60	65	75	78	74	81	82	72	77	79	80	79	78	79	77	63	70	71	77	77	77	78	73.7
	Minimum	51	55	60	55	55	65	55	58	40	40	45	52	57	57	60	60	51	56	61	63	64	64	65	56	55	57	61	62	65	60	63	56.7
Heath Springs	Maximum	79	79	75	69	60	73	75	76	72	67	74	75	76	77	78	77	75	80	78	77	80	81	81	77	73	77	81	76	71	82	81	75.9
	Minimum	52	58	59	52	58	53	55	56	40	40	42	56	56	58	66	61	51	52	60	61	62	62	65	54	54	57	58	64	64	63	63	56.5
Kershaw	Maximum	82	83	78	75	66	79	85	76	68	69	78	82	80	83	84	80	80	84	88	82	82	86	83	77	73	82	84	78	75	85	81	79.6
	Minimum	50	56	59	54	59	53	53	56	41	38	38	52	61	58	68	62	49	51	59	62	64	63	66	55	55	57	58	64	64	60	64	56.4
Landrum	Maximum	79	78	74	67	60	76	80	73	72	67	75	79	75	81	76	75	75	80	83	79	84	83	81	64	67	74	78	76	82	79	78	75.8
	Minimum	46	49	55	50	50	52	51	58	37	43	37	56	59	58	60	60	53	49	49	60	61	64	64	53	53	57	61	69	60	64	61	54.8
Laurens§§	Maximum	79	77	74	60	63	72	80	72	63	65	77	79	76	81	83	78	76	81	83	77	81	83	82	61	72	77	80	80	....	80	80	[b]73.1
	Minimum	47	48	53	56	57	57	50	56	38	36	39	42	62	58	62	63	48	51	53	59	61	61	65	56	56	59	62	65	65	....	65	[b]55.0
Liberty	Maximum	83	75	71	65	61	78	81	76	69	72	76	81	76	75	82	77	79	84	84	80	86	86	83	76	75	75	75	77	78	75	76	77.0
	Minimum	42	54	58	54	53	52	52	60	40	41	41	56	67	59	63	61	46	46	57	57	66	66	62	53	52	57	57	62	62	65	65	55.7
Little Mountain	Maximum	78	73	76	73	69	75	79	76	68	64	76	80	78	84	86	74	75	81	83	76	78	83	83	68	73	78	81	81	75	82	78	76.9
	Minimum	57	56	55	50	47	50	55	54	38	38	46	54	63	59	62	62	52	59	61	63	63	64	63	54	53	58	60	64	63	64	63	56.5
Newberry	Maximum	73	89	83	70	65	78	84	79	69	70	73	80	78	87	85	80	86	90	81	87	83	88	88	85	89	92	85	85	80	80	80	81.4
	Minimum	50	56	52	56	56	54	53	59	39	37	40	42	65	58	66	62	63	53	60	55	65	64	66	63	58	57	62	60	68	65	64	57.1
Saluda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Santuck	Maximum	82	80	76	66	64	77	82	74	68	68	77	80	76	84	85	81	78	82	85	80	82	85	86	64	67	80	84	81	78	87	81	78.1
	Minimum	45	50	54	53	55	55	50	58	36	34	37	52	54	56	66	62	46	49	56	59	65	61	64	55	55	57	59	66	66	62	61	54.8
Spartanburg	Maximum	81	79	76	69	60	78	82	76	73	69	77	80	79	74	87	78	78	82	86	88	86	85	85	63	68	80	82	84	80	85	80	78.4
	Minimum	50	53	54	53	54	55	52	57	38	40	41	54	60	60	62	61	47	52	57	59	64	64	66	51	54	57	63	64	64	63	62	55.8
Trenton	Maximum	82	82	72	68	67	72	80	81	67	66	76	81	84	86	88	88	76	82	84	76	80	84	82	73	70	76	81	82	79	83	78	78.3
	Minimum	52	53	58	57	59	55	58	59	40	40	46	54	56	58	60	60	53	56	56	63	64	64	65	59	55	59	62	64	67	64	63	57.4
Walhalla	Maximum	79	73	70	65	64	77	80	75	68	70	76	79	74	75	84	75	78	82	81	70	83	83	84	65	73	71	76	76	80	77	79	75.5
	Minimum	45	49	57	51	53	50	48	55	33	31	37	46	46	51	58	58	43	46	58	58	50	61	62	52	52	52	59	58	60	62	60	51.7
Winnsboro§§	Maximum	86	85	80	71	65	78	83	74	63	66	78	81	79	85	84	80	77	83	86	79	83	88	85	65	74	82	85	83	84	83	81	79.2
	Minimum	53	61	58	55	51	54	55	59	39	38	44	56	56	59	63	62	50	57	59	62	63	63	65	56	55	51	55	55	68	62	63	56.4
Winthrop College	Maximum	80	81	75	78	61	78	81	73	70	68	75	77	79	80	84	79	74	82	83	84	80	84	82	64	69	80	83	78	78	84	82	77.5
	Minimum	59	55	54	53	55	55	55	59	40	55	42	50	65	66	57	62	65	53	55	64	60	63	62	55	56	55	64	65	65	62	63	57.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., JUNE, 1923. No. 6

GENERAL SUMMARY.

Precipitation was much below normal, on the whole, and temperatures ranged somewhat below the seasonal average.

While there was considerable cloudiness, with frequent showers, all crops, though backward for the season, showed general improvement. Much replanting of cotton and corn was necessary, incident to the May rains, and fields became grassy in extensive areas. Cotton chopping was finished about the middle of the month. The first bloom was observed on Chisolm Island on June 7. Boll weevils were numerous everywhere, but active poisoning prevented serious damage. Better weather after the middle of the month enabled planters to proceed with much needed cultivation. The wheat, oat, and rye harvests were completed by the last week, with good results generally, and stubble lands were being turned to late corn and forage. Cotton, corn, sweet potatoes, tobacco, peanuts, truck, gardens, and other crops became more vigorous with increased warmth. Old corn was laid by in the eastern, central, and southern counties by the end of the month, and tobacco curing was in progress. The white potato harvest ended about the middle of the month, with good output. The month closed with native peaches, blackberries, and vegetables plentiful.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.00 inches. The highest pressure was 30.26 inches at Columbia and Due West on the 1st; the lowest pressure was 29.52 inches at Charlotte, N. C., on the 28th, and in the Section proper, 29.62 inches at Charleston on the 27th and at Greenville on the 28th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 77.1°, or 0.4° below the normal. The highest temperature was 101° at Newberry on the 27th. The warmest periods were from the 5th to the 12th and from the 19th to 28th. The lowest temperature was 46° at Liberty on the 30th. The coolest periods were about the 2d, 13th and 14th, and at the close of the month.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 79%; noon, 55%; 8 p. m., 69%. The highest percentages occurred along the coast and in the extreme northwestern counties, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 2.31 inches, or 2.52 inches below the normal, and but 0.39 inch above the average of the dry June of 1905. The rainfall was fairly well distributed as to general area. Showers were intermittent, except a dry period between the 14th and 21st. Precipitation was above normal in a few small areas of the southern, central, and Piedmont Counties, with measurements of 5 to over 6 inches; elsewhere, the measurements ranged downward from 4 inches to less than one inch. The greatest local monthly amount was 6.48 inches at Due West, and the least local monthly amount was 0.55 inch at Gaston Shoals. The greatest amount during any 24 hours was 4.76 inches at Due West on the 25th. The number of rainy days was 20% below normal.

Deaths by Lightning.—At Greer, Miss Pearl Chapman, 20th; near Honea Path, Mrs. Eugene Phillips, 25th; at Winnsboro, John Frazer, negro farmer, 25th.

Damage by Lightning.—At Camden, 25th, barn and valuable horse, damage, $3,000. In Hodges section, near Greenwood, 25th, two barns and contents; damage, $2,500; at Walhalla, several head of cattle and hogs, 20th; damage, $500.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer reports, was 7.3 miles. The highest average was 10.6 miles per hour at Savannah, Ga., and in the Section proper, 10.4 miles per hour at Charleston; the lowest average was 4.1 miles per hour at Charlotte, N. C., and in the Section proper, 6.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the west at Greenville on the 7th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 290.1 hours, or 69% of the possible amount. The average number of clear days was 17; partly cloudy, 8, and cloudy, 5, as against normals of 13, 11, and 6 days, respectively.

RIVER CONDITIONS.

The Santee River continued in flood at Rimini until the 12th and at Ferguson, until the 13th. Otherwise, the rivers of the Section were relatively low.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 24, 26; Walhalla, 24. *Solar:* Charlsston, 1, 3, 4, 5, 6, 22, 23; Columbia, 24, 26; Due West, 7, 8, 10, 11, 28; Greenville, 10; Liberty, 6, 9.

Hail.—Chester, 1; Liberty, 20; Little Mountain, 20.

Fog, Dense.—Calhoun Falls, 27; Rimini, 5, 15, 19; Trenton, 10.

MISCELLANEOUS DATA FOR JUNE, 1923.

Stations	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.01	69.8	87	48	2.66	0.52	5.6	nw.	86	54	72	62
Augusta, Ga.	30.00	77.8	96	60	4.21	1.15	5.1	s.	78	53	67	63
Charleston, S. C.	30.01	78.6	93	65	3.58	1.16	10.4	s	74	61	76	73
Charlotte, N. C.	29.99	77.9	95	57	2.21	1.18	4.1	sw.	78	52	65	68
Columbia, S. C.	30.00	78.8	95	60	2.70	2.70	6.5	s.	79	54	65	63
Due West, S. C.	30.03	76.2	94	54	6.48	4.76	7.6	sw.	79	54	...	62
Greenville, S. C.	29.98	75.8	96	57	1.73	0.54	7.7	w.	78	51	63	70
Savannah, Ga.	30.01	78.4	93	64	1.79	0.62	10.6	s.	81	59	76	63
Wilmington, N. C.	30.01	78.4	93	69	1.80	1.05	7.8	sw.	79	60	77	81
Means and extremes	30.00	76.5	96	48	3.30	4.76	7.3	s.	79	55	69	69

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Climatological Data for June, 1923.

Stations.	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John Black, Jr.
Blackville	Barnwell	296	39	77.8	−1.4	95	†11	57	2	31	2.05	−3.59	0.70	0	7	17	8	5	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	78.6	−0.3	93	28	65	2	19	3.58	−1.81	1.16	0	8	7	15	8	s.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	79.1	+1.9	100	27	56	10	36	0.93	−4.32	0.86	0	2	..	..	..	.....	Roland D. Powe.
Conway	Horry	25	33	77.1	+0.3	96	28	57	† 1	30	1.47	−3.00	0.65	0	6	10	8	12	sw.	Paul Quattlebaum.
Darlington	Darlington	175	28	77.6	+0.8	96	27	55	10	31	1.08	−4.51	0.42	0	5	6	3	21	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	1.03	−4.83	0.60	0	4	.....	.....	.....	.....	Wm. B. Gillespie.
Fergnson	Orangeburg	63	37	77.2	+0.2	95	27	56	15	32	1.91	−3.75	0.35	0	10	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	78.6	+0.2	98	27	58	10	33	3.74	−1.53	1.54	0	7	22	4	4	sw.	H. K. Gilbert.
Florence 2	.....do	136	8	.....	.....	.....	.....	.....	.....	.....	1.40	−3.87	0.57	0	7	14	11	5	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	°78.2	.....	d94	8	°59	2	°30	5.00	.....	1.85	0	11	14	9	7	s.	Maner B. Robert.
Georgetown	Georgetown	12	30	78.2	−0.2	96	28	54	10	36	2.10	−3.47	0.80	0	6	15	13	2	e.	A. P. Hazard.
Kingstree	Williamsburg	54	41	77.9	−0.1	98	27	57	†10	34	1.48	−3.68	0.33	0	8	27	0	3	sw.	W. H. Matthews.
Meggett	Charleston	19	....	79.4	.....	94	28	68	15	21	2.73	.....	0.86	0	7	12	3	15	s.	E. L. Joyner.
Orangeburg 1	Orangeburg	264	7	77.6	.....	95	27	57	2	32	3.37	.....	0.96	0	11	13	14	3	sw	U.S. Fisheries Station
Orangeburg 2	.....do	264	3	.....	.....	.....	.....	.....	.....	.....	2.92	.....	0.73	0	9	17	4	9	w.	State A. and M. College.
Paris Island	Beaufort	13	42	78.6	−0.4	96	28	62	2	32	5.20	−0.20	2.50	0	9	5	20	5	sw.	U. S. Marine Corps.
Pinopolis **	Berkeley	54	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	2.36	.....	0.65	0	8	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	77.1	−1.4	96	27	57	2	30	3.45	−1.72	1.00	0	10	11	11	8	.....	R. L. Utsey.
Society Hill	Darlington	192	32	77.6	+0.7	100	27	55	†10	33	1.35	−3.09	0.58	0	6	25	5	0	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	77.4	+0.1	94	27	58	† 2	30	3.04	−2.72	1.27	0	12	17	11	2	w.	E. P. Lawton.
Wedgefield	Sumter	249	33	77.8	+0.6	97	27	59	† 1	32	1.92	−2.97	0.47	0	6	24	3	3	sw.	W Hampton Ramsey.
Yemassee	Hampton	24	34	76.7	−2 2	93	† 8	58	2	29	4.15	−1.84	0.79	0	12	18	5	7	e.	W. C. Hutson.
Division means and	extremes	.....	....	77.8	+0.1	100	27	54	10	36	2.51	−2.95	2.50	0	8	15	9	6	sw.	
Western Portion.																				
Aiken	Aiken	527	61	77.8	+0.2	96	27	60	2	30	1.62	−3.12	0.59	0	6	21	0	9	e.	Frank B. McCoy.
Anderson	Anderson	764	30	76.1	+0.5	94	27	59	30	26	2.02	−1.73	0.55	0	8	20	4	6	w.	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	2.54	−1.93	1.22	0	8	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	76.4	.....	98	20	56	30	34	1.53	−3.10	0.39	0	10	16	8	6	e.	L. M. Parker.
Camden	Kershaw	222	73	79.3	+1.6	98	20	59	† 2	32	3.82	−0.86	1.33	0	8	27	0	3	w.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	1.09	−3.81	0.70	0	3	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	2.85	−1.22	1.03	0	6	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	1	77.3	.....	96	27	59	†14	33	1.85	.....	1.24	0	6	12	11	7	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	74.7	−0.6	96	27	54	30	32	2.14	−3.04	0.50	0	12	22	8	0	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	77.8	−0.4	95	27	60	15	28	5.27	+1.09	2.70	0	10	12	9	9	s.	U. S. Weather Bureau.
Due West	Abbeville	711	9	76.2	.....	94	27	59	30	26	6.48	.....	4.26	0	7	7	13	10	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	1.16	.....	0.40	0	5	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	0.55	−1.76	0.24	0	5	.....	..	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	75.8	+1.4	96	27	57	30	29	1.73	−3.26	0.54	0	8	10	15	5	w.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	74.8	−1.8	94	28	58	30	30	2.09	−2.47	0.63	6	7	14	0	16	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	76.4	0.0	95	27	57	10	31	2.50	−2.70	1.27	0	8	11	13	6	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	77.4	.....	97	27	56	10	34	2.21	.....	1.22	0	5	18	1	11	w.	John W. Hamel.
Landrum	Spartanburg	1063	8	75.6	.....	95	27	52	30	34	2.78	.....	0.86	0	8	16	12	2	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	75.6	.....	93	†20	56	2	32	3.81	.....	1.78	0	7	13	17	0	.....	Perry A. Simpson.
Liberty	Pickens	900	23	76.0	−0.3	94	†20	46	30	34	2.35	−2.84	1.10	0	12	10	17	3	sw.	John T. Boggs.
Little Mountain	Newberry	711	30	76.4	−1.4	95	27	59	14	28	0.72	−3.54	0.27	0	4	23	5	2	s.	J. M. Sease, M. D.
Newberry	Newberry	592	19	78.8	+0.6	101	27	58	14	32	2.46	−1.76	0.80	0	7	23	6	1	sw.	Sue Ella Peterson.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	1.40	−2.85	0.32	0	7	.....	.....	.....	.....	Joshua V. Jones.
Saluda	Saluda	536	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. A. Riser.
Santuck	Union	512	30	77.0	+0.3	98	27	55	9	36	1.44	−2.62	0.82	0	6	12	18	0	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	77.6	+1.6	98	27	57	14	34	0.79	−3.89	0.30	0	5	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	30	76.5	−1.7	94	27	59	† 3	30	1.53	−3.08	0.55	0	5	9	18	3	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	74.4	−0.3	99	27	49	30	36	1.86	−3.43	0.50	0	12	13	17	0	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	29	°77.8	+1.1	°97	†16	58	2	°32	1.48	−2.91	0.93	0	7	12	10	8	se.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	77.2	+1.1	99	27	56	14	31	0.60	−4.54	0.60	0	1	14	16	0	s.	W. T. Clawson.
Division means and	extremes	.....	....	76.6	−0.1	101	27	46	30	36	2.16	−2.45	4.26	0	8	16	10	4	w.	
Section means and	extremes	.....	....	77.1	−0.4	101	27	46	30	36	2.31	−2.52	4.26	0	8	16	9	5	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for June, 1923.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah																																
Blackville ‖‖	Edisto	.20			.15	.25	.10	.70																									
Charleston ***	Coast			T.	.01	T	T.	1.16	.39			T.	.17	.08									.35		.30								2.05
Cheraw ‖‖	Pee Dee						T.	T.					.07	T.	.86						.89					T.	.68	.20					3.58
Conway ‖‖	Waccamaw	T.					.28		.17					.65	.06												T.						0.93
Darlington ‖‖	Pee Dee					T.			T.					.42	.25								.25		.06								1.47
Effingham ‖‖	Lynches	.19				.60	.07	.17						T.	T.										.03	.06	.32						1.08
Ferguson ‖‖	Santee	.01				.27	.15	.26	.01					.34												T.	T						1.03
Florence 1 ‖‖	Pee Dee					.37	.23	.58	.58					.42	1.54								.30			.20	.35	.02					1.91
Florence 2 ‖‖	do					.25	.06	.07	.16				.06	.57	.23									.02									3.74
Garnett	Savannah				1.85	.01	.24	.09	.02				.20	1.30								T.			.49	.03		.22	.55				1.40
Georgetown	Coast							.33	.15			T.	.40	T.								.22	T.	T.	.80	.20							5.00
Kingstree ‖‖	Black					.33	.14	.18					.05	.18											.33	.12				.15			2.10
Meggett	Coast						.23		.86				.17		.10							.16							.83				1.48
Orangeburg 1	Edisto	.24			.13	.02	.04	.32						.48									.15		.17	.66	.20	.96					2.73
Orangeburg 2	do			.10			.55															.45		.09	.01	.48	.15	.73					3.37
Paris Island	Coast								2.50		.20	.30	.50	.50	.10								.50						.50	.10			2.92
Pinopolis	Cooper												.36																				5.20
Rimini ‖‖	Santee	.22						.32					.42		.15																		
St. George	Edisto	1.00				.30	.80	.30	T.				.15	.30	.02								.20		.20		.65			.20			2.36
Society Hill ‖‖	Pee Dee						.25						.04	.30									.10			T	.08		.40				3.45
Summerville	Ashley			.05		.05		.25				.12	.58	.11											.24		.05						1.35
Wedgefield	Wateree				.45		.10	.20				.40	.32	.43								1.27	.02	.10	.02		.05		.08				3.04
Yemassee ‖‖	Ashepoo	.65				.19	.06	.03		.17			.47	.43	.72	.40											.30						1.92
Western Portion.																					.79				.41	.02		.20	.48				4.15
Aiken	Edisto						.17						.59					.13			.05			.21			.47						1.62
Anderson	Savannah							.20				.32	.25								.23				.10		.55		.20	.17			2.02
Blairs ‖‖	Broad	.18					.08							.17	.03							.20				.31	1.22		.35				2.54
Calhoun Falls ‖‖	Savannah	.14			.06		T		.04				.04	.30							.10	.04		T.	T.	.04		.38	.39			1.53
Camden ‖‖	Wateree					.05	1.33	.30	.08					.65									1.01		.18	.22							3.82
Catawba ‖‖	Catawba												.13	.26											.70								1.09
Chappells ‖‖	Saluda						.02						.51								.09				.81	1.03		.39					2.85
Chester	Broad				.18			.05					.12	.16											1.24		T.	.10					1.85
Clemson College	Savannah	.50			.11		.24	.32					.25								.22	.01	.01		.08	.11		.28	.01				2.14
Columbia ***	Congaree			T.	.03	2.26	.04	.02	T.				.12	T.								T.	.03	.03	.02	2.70		.02	T.				5.27
Due West ***	Savannah				T.	T.		.21				.05	.38	T.						T.	T.	T.	.09	T.	.75	4.76		.24	T.				6.48
Edgefield ‖‖	Savannah						.40		.20					.20																			1.16
Gaston Shoals ‖‖	Broad						.05		.04		T.	T.													.15			.21					0.55
Greenville ***	Saluda				T.	.08	.01	.50			T	.05	.01								.53		T			T.		.49	.06				1.73
Greenwood ‖‖	do	.47												.34								.65				.10	.22		.27	.06			2.09
Heath Springs	Wateree																																
Kershaw ‖‖	Lynches				.07	.30	.07						1.27								.12					.15				.38			2.50
Landrum	Broad					.17	1.22							.63	.03						.14												2.21
Laurens ‖‖	Saluda	.42				.11		.32					.11										.02		.14								2.78
Liberty	Savannah	.25			T	.10	.25	.02			T.	.02	T.								.06					.86							3.81
Little Mountain	Saluda																				.11		.79										2.35
Newberry	Saluda				.05	.27							.20													.20							0.72
Pelzer ‖‖	do		.80		.19			.15				.18									.10					.73	.31						2.46
Saluda	do	.28				.04		T.	T.			T.	.12	T.								.16		T.	T.	.30	.32		.18				1.40
Santuck	Broad				.03			.02					.40	.14																			
Spartanburg ‖‖	do	.25				T		.08				T.	.15								T.	T.	T.	.01	T.			.30					1.44
Trenton	Edisto			T.	T.	.55		.40				T.	.05	T.							T.		T.	T.	.35			.18					0.79
Walhalla	Savannah					.11	.50	.21	.11			.03	.10	.09							.06					.15	.15	.16					1.53
Timmsboro ‖‖	Broad						.12	.09	.06					.07							.19		T.					.93		.20			1.86
Winthrop College	Catawba																					.01				.60							1.48
																																	0.60

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
87	77.9	107	44	3.53	8				
88	78.1	102	51	2.73	7				sw.
89	74.4	99	39	5.10	10				se.
90	80.9	103	56	2.41	8				sw.
91	79.3			3.20					
92	75.1	99	53	5.25					sw.
93	76.5	96	53	7.64	12	10	11	9	se.
94	77.0	105	41	3.91	8	13	12	5	sw.
95	78.2	105	50	3.04	8	13	13	4	sw.
96	77.9	102	52	5.42	12	11	12	7	sw.
97	79.2	103	49	5.44	12	10	13	7	sw.
98	79.7	105	55	4.15	8	17	10	3	sw.
99	79.4	105	48	3.89	8	14	10	6	sw.
00	76.2	97	52	7.94	14	4	15	11	sw.
01	76.7	102	48	6.55	12	9	12	9	sw.
02	78.5	105	52	4.48	9	15	10	5	sw.
03	74.2	96	42	8.09	14	11	10	9	sw.
04	77.0	102	48	4.06	8	18	7	5	sw.
05	78.9	101	43	1.92	6	6	14	10	e.
06	78.4	102	52	8.88	12	13	8	9	sw.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1907	75.8	99	50	5.92	10	12	13	5	sw.
1908	76.6	100	48	4.90	9	13	13	4	ne.
1909	79.2	105	58	6.87	12	10	14	6	sw.
1910	75.5	98	46	7.78	13	10	11	9	sw.
1911	80.9	106	54	3.42	8	14	12	4	sw
1912	75.5	101	48	5.68	9	13	7	10	sw.
1913	76.2	105	40	5.53	12	15	9	6	sw
1914	81.1	108	50	3.80	8	14	12	4	sw.
1915	76.0	103	49	4.26	9	14	10	6	s.
1916	76.4	100	48	5.12	11	12	11	7	sw.
1917	76.9	102	43	4.49	8	16	10	4	sw.
1918	77.0	106	50	3.44	7	15	9	6	ne.
1919	76.4	101	46	5.97	10	11	9	10	e.
1920	77.4	105	52	3.41	6	19	7	4	s.
1921	79.2	103	50	2.81	6	15	11	4	sw.
1922	78.2	101	52	5.48	11	14	11	5	w
1923	77.1	101	49	2.31	8	16	9	5	w.
Period	77.5	108	39	4.83	9	13	11	6	sw.

Daily Temperatures for June, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	90	82	92	88	95	90	89	89	93	93	94	90	94	95	93	85	89	85	87	88	89	95	88	90	89.0
Blackville	Maximum	79	81	86	89	82	89	90	82	92	88	95	90	89	89	93	93	94	90	94	95	93	85	89	85	87	88	89	95	88	90	....	89.0
	Minimum	60	57	61	66	67	70	71	70	65	61	74	62	62	69	64	65	63	64	65	64	71	72	73	69	70	71	70	70	71	59	....	66.5
Charleston	Maximum	76	77	78	81	84	84	85	92	82	81	85	91	85	82	82	86	82	84	86	83	82	87	89	91	88	92	93	87	86	....	....	84.8
	Minimum	71	65	70	72	75	75	71	74	73	68	75	74	71	68	68	70	71	73	73	72	73	77	78	77	76	74	74	74	72	67	....	72.4
Cheraw §§	Maximum	84	89	93	84	88	93	91	96	88	92	90	89	88	83	90	91	94	96	98	99	92	93	98	94	99	96	100	99	89	91	....	92.2
	Minimum	58	59	58	66	68	70	72	72	59	56	66	71	68	60	59	66	62	62	64	67	69	72	72	71	72	64	70	71	73	64	....	66.0
Conway	Maximum	79	82	85	84	87	88	86	94	91	86	89	90	86	83	88	87	88	88	88	89	81	87	89	92	93	93	94	96	90	83	....	87.8
	Minimum	57	57	58	65	67	70	72	71	65	57	65	71	68	63	58	60	62	64	65	65	70	73	72	71	73	71	71	73	74	65	....	66.4
Darlington §§	Maximum	80	86	89	85	88	88	88	93	84	87	90	87	86	80	88	90	91	92	93	94	88	90	94	90	93	91	96	95	86	86	....	88.9
	Minimum	59	58	56	65	67	70	74	71	62	55	68	72	68	61	58	67	61	61	65	64	69	73	72	71	71	70	71	72	73	62	....	66.2
Ferguson §§	Maximum	79	83	86	83	84	85	87	94	86	87	91	90	83	82	88	89	90	90	90	92	85	89	90	91	91	87	95	93	86	87	....	87.8
	Minimum	61	57	69	71	67	70	71	71	74	58	59	71	69	65	56	61	60	60	62	63	62	69	78	70	70	71	69	70	73	70	65	...	66.7
Florence 1	Maximum	82	86	90	83	89	87	90	94	86	88	91	89	89	81	89	90	91	94	92	94	92	94	97	94	95	98	96	89	89	....	....	90.1
	Minimum	60	60	59	67	68	70	73	71	65	58	67	72	68	63	60	66	64	64	64	67	63	71	74	73	71	72	71	71	72	63	....	67.2
Garnett	Maximum	83	86	89	81	89	87	86	94	89	89	93	90	81	85	....	....	90	91	92	93	89	93	89	86	90	88	93	....	....	87	....	d88.6
	Minimum	63	59	65	66	68	72	71	70	68	63	70	70	67	67	....	....	63	....	68	66	70	71	71	70	71	72	72	....	....	60	....	e67.7
Georgetown	Maximum	82	85	90	88	89	90	86	95	90	88	86	95	88	85	89	87	90	92	90	91	94	96	98	99	92	93	87	89	89	91	....	89.7
	Minimum	64	55	70	67	69	71	71	70	65	54	67	70	70	64	56	60	60	63	64	65	70	70	72	72	70	70	78	70	73	63	....	66.8
Kingstree	Maximum	81	86	86	85	85	85	89	96	87	90	90	89	86	83	90	91	90	93	91	94	81	93	93	90	92	90	98	94	89	87	....	89.1
	Minimum	59	59	66	68	68	69	72	71	67	57	66	72	69	69	57	62	60	62	65	64	70	71	72	70	70	70	71	70	73	62	....	66.7
Meggett	Maximum	76	80	83	82	84	83	86	91	86	87	85	91	85	83	81	80	83	82	85	84	83	82	88	90	92	87	93	93	90	92	....	85.5
	Minimum	72	72	73	71	75	74	70	73	70	72	75	76	70	69	68	77	70	72	74	73	75	76	79	78	75	74	75	76	75	73	....	73.4
Orangeburg 1	Maximum	79	83	86	82	90	88	89	94	87	87	92	89	84	82	89	90	89	89	91	93	91	90	89	88	92	88	95	92	83	85	....	88.2
	Minimum	67	57	60	65	68	71	72	71	69	59	66	71	70	64	58	64	60	67	64	66	71	72	72	70	71	69	71	70	72	61	....	66.9
Paris Island §§	Maximum	80	81	84	81	86	85	88	94	92	89	88	92	88	86	86	88	88	90	90	91	91	92	90	89	88	87	90	89	96	92	....	88.4
	Minimum	67	62	68	70	68	71	68	67	71	70	68	66	68	66	66	65	67	67	69	68	70	71	75	70	72	74	70	72	73	63	....	68.7
St. George	Maximum	79	79	80	84	85	85	87	93	88	88	91	88	81	84	89	89	90	90	91	91	92	90	88	87	90	89	96	92	89	87	....	87.7
	Minimum	61	57	60	62	61	71	72	71	69	61	67	73	70	64	59	61	61	65	66	65	70	71	71	70	71	69	72	71	72	63	....	66.5
Society Hill §§	Maximum	83	87	91	88	83	83	93	98	86	88	92	88	85	90	93	92	92	93	96	87	91	96	97	93	100	98	82	86	88	....	....	90.3
	Minimum	58	59	57	63	66	70	71	72	62	55	67	68	61	60	61	62	61	61	55	67	69	72	70	72	69	70	71	72	72	64	....	64.9
Summerville	Maximum	81	84	86	87	89	90	85	93	88	89	86	89	83	83	88	88	90	91	91	92	85	88	89	87	91	90	94	92	86	88	....	88.1
	Minimum	60	58	64	63	68	69	70	70	67	58	64	71	70	65	58	61	61	66	67	67	71	69	71	73	71	70	72	70	72	61	....	66.6
Wedgefield	Maximum	82	85	89	82	87	87	90	93	85	88	91	86	85	82	84	90	89	92	92	95	92	91	92	89	92	88	97	93	87	87	....	88.7
	Minimum	59	59	59	68	69	71	71	71	64	59	67	68	68	62	62	69	66	66	66	66	72	72	72	68	71	68	70	71	70	63	....	66.9
Yemassee	Maximum	82	84	85	83	87	86	85	93	89	86	92	89	82	86	89	88	88	89	90	91	89	89	86	87	89	87	93	89	84	85	...	87.4
	Minimum	60	58	64	66	68	69	70	69	67	61	65	70	69	66	60	60	60	65	66	64	67	68	70	69	70	70	71	69	71	57	....	66.0
Western Portion.																																	
Aiken	Maximum	80	84	87	85	87	86	86	92	91	85	90	88	83	85	88	92	89	90	90	91	92	87	87	84	88	86	96	94	86	84	....	87.8
	Minimum	64	60	63	65	69	70	68	71	69	63	70	66	68	66	64	69	68	69	69	70	68	71	70	69	69	73	71	70	68	67	....	67.9
Anderson	Maximum	77	80	83	83	83	83	85	89	84	85	85	83	82	81	86	89	90	90	91	90	90	89	88	89	91	86	94	84	78	78	....	85.6
	Minimum	64	61	62	67	69	67	69	69	64	63	69	66	64	61	64	69	68	65	68	69	68	76	69	68	69	69	70	68	64	59	....	66.6
Calhoun Falls §§§	Maximum	81	86	89	88	89	84	90	94	91	88	89	86	86	86	86	90	94	91	93	93	98	94	89	89	92	93	90	90	88	81	83	....	89.2
	Minimum	62	57	63	66	65	65	66	66	62	61	62	66	63	60	60	62	62	63	63	66	64	64	67	66	66	68	66	66	61	56	....	63.5
Camden §§	Maximum	82	89	91	94	91	90	89	89	91	90	90	87	86	85	90	95	90	95	96	98	93	93	94	93	92	89	96	93	84	90	....	90.5
	Minimum	60	59	59	70	74	68	71	76	76	60	68	70	70	62	65	68	70	66	70	70	71	72	71	71	72	69	71	73	69	62	....	68.4
Chester	Maximum	78	85	88	86	85	87	87	92	85	87	89	87	86	83	88	92	93	94	94	94	91	95	94	91	91	88	96	89	82	79	...	88.9
	Minimum	62	60	60	67	60	69	72	71	60	60	69	72	65	59	59	67	66	65	66	69	69	63	70	70	70	68	69	68	67	60	....	65.7
Clemson College	Maximum	77	82	84	83	82	83	85	88	84	85	83	84	83	81	87	90	89	90	91	93	91	88	86	85	91	89	96	90	84	78	....	86.1
	Minimum	64	57	59	64	68	70	69	62	58	60	67	66	61	59	58	60	60	61	64	65	63	70	66	67	66	66	66	66	62	54	....	63.3
Columbia	Maximum	80	81	89	85	89	85	87	93	85	86	90	86	85	84	88	91	89	91	92	92	88	89	90	85	88	86	95	91	82	84	....	87.6
	Minimum	63	61	62	68	70	70	73	72	67	62	69	69	68	62	60	69	66	67	69	70	73	72	72	71	68	70	71	71	70	63	....	67.9
Due West	Maximum	77	81	85	83	84	82	85	90	85	87	87	83	83	83	88	91	90	91	91	94	91	86	89	89	89	85	94	86	78	79	....	86.2
	Minimum	65	60	61	66	69	67	71	70	65	63	70	64	65	61	63	68	65	65	66	69	68	70	69	68	68	70	69	69	65	59	....	66.3
Greenville	Maximum	75	81	84	82	84	89	85	89	86	93	81	84	81	84	87	91	88	90	91	93	90	87	88	86	89	86	96	85	76	77	....	85.5
	Minimum	64	60	64	68	68	69	66	69	65	63	68	67	63	59	62	68	69	66	67	62	71	70	70	69	69	70	67	67	64	57	....	66.0
Greenwood	Maximum	77	76	78	82	80	81	82	85	89	81	84	87	83	82	79	85	88	84	89	88	91	87	85	85	86	87	84	94	85	78	....	84.1
	Minimum	62	60	62	66	69	69	61	69	63	60	69	69	65	60	62	67	65	67	67	67	64	66	70	68	70	69	69	69	64	58	....	65.6
Heath Springs	Maximum	77	84	85	86	86	82	86	91	88	84	88	85	83	79	85	89	88	89	90	92	89	87	88	87	91	88	95	93	88	83	....	86.9
	Minimum	60	60	58	65	65	68	71	71	61	57	68	69	65	58	62	68	63	62	65	66	68	71	70	70	70	69	70	71	69	60	...	65.7
Kershaw	Maximum	81	86	90	86	86	87	88	93	85	87	90	86	87	83	87	90	91	91	93	95	90	93	94	90	93	92	97	94	86	86	....	89.2
	Minimum	59	59	58	66	69	68	68	71	60	56	68	70	67	58	57	67	67	61	65	67	69	70	71	70	70	69	70	71	70	60	....	65.7
Landrum	Maximum	78	83	84	86	84	85	85	87	86	85	92	86	83	85	89	92	92	91	94	94	92	90	91	87	90	89	95	87	76	79	....	86.9
	Minimum	65	60	57	58	68	68	68	66	62	58	69	68	59	58	74	64	62	60	62	65	69	68	69	68	71	67	68	66	64	52	....	64.4
Laurens §§§	Maximum	78	82	85	85	86	86	87	91	88	85	88	82	84	80	86	89	89	91	90	93	90	89	90	89	89	86	93	86	77	78	....	86.4
	Minimum	65	56	58	63	66	71	71	68	59	59	64	67	63	62	60	62	67	66	64	65	67	68	67	69	70	68	71	68	65	58	....	64.9
Liberty	Maximum	76	85	86	86	87	87	79	89	87	93	85	86	86	83	89	93	90	92	92	94	90	90	90	89	92	90	94	86	80	80	....	87.2
	Minimum	64	59	62	61	68	71	70	68	58	58	71	64	65	58	59	69	67	64	64	66	66	70	67	70	68	71	70	67	64	46	....	64.8
Little Mountain	Maximum	78	82	83	85	84	83	86	92	81	86	88	85	85	86	87	88	90	90	92	94	89	88	91	88	90	86	95	88	81	79	....	86.7
	Minimum	60	60	61	62	68	67	69	70	64	64	66	66	65	59	62	65	68	65	67	69	69	70	70	70	67	68	69	70	66	69	....	66.2
Newberry	Maximum	78	85	90	88	89	90	89	98	82	90	88	89	87	92	86	95	95	90	95	97	93	90	94	92	95	94	101	94	85	84	....	90.5
	Minimum	63	60	59	66	65	69	72	70	61	60	68	66	60	58	66	66	68	64	65	68	68	71	72	70	70	73	71	69	73	74	....	67.2
Saluda	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Santuck	Maximum	79	84	88	87	89	88	88	94	86	86	90	87	87	84	88	92	92	92	94	96	93	93	93	91	91	89	98	89	83	80	....	89.0
	Minimum	62	56	56	65	67	69	72	71	55	56	67	69	65	57	56	65	63	60	62	65	66	71	67	70	70	68	69	70	67	65	....	64.7
Spartanburg	Maximum	80	85	88	87	89	88	90	90	86	87	90	88	87	86	91	94	94	94	95	97	94	93	95	94	96	93	98	91	82	82	...	90.1
	Minimum	64	59	60	66	68	69	70	68	58	60	69	68	64	57	60	66	64	61	64	66	69	71	68	68	68	68	69	67	64	58	....	65.0
Trenton	Maximum	80	84	87	84	84	85	85	86	88	87	88	85	82	81	87	90	87	91	91	93	91	89	89	80	86	86	94	89	81	89	....	86.6
	Minimum	64	68	59	65	68	69	70	66	65	62	70	69	63	62	63	65	64	66	65	68	69	70	69	69	67	70	69	69	67	59	....	66.4
Walhalla	Maximum	79	83	85	85	85	83	84	91	85	85	84	87	85	84	90	92	92	93	94	96	95	89	90	94	94	90	99	88	84	81	....	88.2
	Minimum	61	55	56	63	65	66	65	64	54	57	66	63	57	57	56	58	58	58	60	62	61	67	62	64	63	65	64	62	58	49	....	60.5
Winnsboro §§§	Maximum	80	85	89	85	87	88	90	94	86	88	92	88	88	....	91	97	92	96	94	96	96	94	93	90	94	89	97	91	82	84	....	*90.0
	Minimum	60	58	60	62	67	68	71	70	63	59	62	69	66	59	62	67	65	64	66	68	69	72	71	69	70	69	69	68	71	59	....	65.7
Winthrop College	Maximum	79	84	87	89	87	87	88	91	88	86	88	84	86	86	91	90	92	94	96	92	94	92	93	92	95	99	91	84	80	...	...	88.9
	Minimum	61	60	61	63	69	68	71	71	57	60	69	68	66	56	61	62	61	66	66	67	67	78	70	69	68	68	67	69	68	58	...	65.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., JULY, 1923. No. 7.

GENERAL SUMMARY.

Although showers were numerous, precipitation was much below the seasonal average, and temperatures ranged somewhat below normal.

Cotton, though backward and in all stages of development, improved in condition and color, but there was some shedding due to wet weather toward the close of the month; the crop bloomed and fruited freely, and the relatively dry weather was generally favorable for checking weevil ravages, with no serious damage thus far. Early corn suffered materially from lack of rain in the central and northern counties, and was maturing in poor to fair condition only. Most crops were in need of rain during the middle weeks, but responded vigorously to later rains. The curing of a good to excellent tobacco crop continued. Watermelons, muskmelons, cantaloupes, and apples were plentiful at the end of the month, and all crops were in good growing condition generally.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.02 inches. The highest pressure was 30.32 inches at Charlotte, N. C., on the 2d, and at Asheville, N. C., on the 3d, and in the Section proper, 30 31 inches at Due West on the 3d; the lowest pressure was 29.64 inches at Columbia on the 25th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 79.0°, or 0.8° below normal. The highest temperature was 104° at Society Hill on the 5th. Temperatures were near or above normal from the 4th to the 8th, 12th to 17th, and 20th to 31st. The lowest temperature was 57° at Santuck on the 1st, at Ferguson on the 19th, and at Landrum on the 20th. The cool periods were from the 1st to the 3d, on the 9th and 10th, and from the 17th to the 19th, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 58%; 8 p. m., 72%. The highest percentages occurred in the coast counties, and the lowest, over the north-central interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 4.50 inches, or 1.44 inches below normal. Rainfall occurred in some part of the State practically every day. Precipitation was very unevenly distributed in area and amounts, with 6 to over 8 inches in extensive sections of the coastal plain and the lower Savannah drainage basin and in a small area of the upper Piedmont; in the major portion of the central and northern counties the measurements ranged downward from 5 inches to less than 2 inches. The greatest local monthly amount was 8.88 inches at Georgetown; least local monthly amount, 1.15 inches at Calhoun Falls. The greatest amount during any 24 hours was 4.80 inches at Pelzer on the 1st and 2d. The average number of rainy days was 17% below normal.

A severe hailstorm caused considerable damage to crops in the vicinity of Walhalla on the 22-23d.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 6.8 miles. The highest average was 10.0 miles per hour at Savannah, Ga., and in the Section proper, 9.8 miles per hour at Charleston; the lowest average was 3.7 miles per hour at Charlotte, N. C., and in the Section proper, 6.2 miles per hour at Columbia. The highest velocity for any 5-minute period was 44 miles per hour from the northwest at Savannah, Ga., on the 8th, and in the Section proper, 42 miles per hour from the southwest at Columbia on the 25th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 274.4 hours, or 62% of the possible amount. The average number of clear days was 15; partly cloudy, 8, and cloudy, 8, as against normals of 12, 12, and 7 days, respectively.

RIVER CONDITIONS.

Excepting fair rises in the northwestern streams during the first few days, the rivers of the Section were uniformly low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Due West, 22, 28. *Solar:* Charleston, 17; Due West, 1, 8, 19; Greenville, 19.

Hail.—Walhalla, 22.

Fog, Dense.—Calhoun Falls, 21; Liberty, 15.

ERRATA.

JUNE, 1923.—Due West: Page 22, greatest precipitation in 24 hours should read 4.67; also 4.67 in same column in western portion and in Section means and extremes.

MISCELLANEOUS DATA FOR JULY, 1923.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.03	71.0	88	51	4.54	1.47	5.1	...	90	58	72	61
Augusta, Ga.	30.01	80.0	99	63	7.63	1.88	4.4	s.	78	55	68	57
Charleston, S. C.	30.02	80.1	96	...	7.24	1.66	9.8	sw.	78	67	79	58
Charlotte, N. C.	30.00	78.6	98	62	5.89	2.98	3.7	ne.	77	51	64	65
Columbia, S. C.	30.01	80.0	97	64	2.37	0.50	6.2	s.	85	54	69	65
Due West, S. C.	30.04	78.4	96	62	3.15	1.61	7.3	sw.	80	54	...	59
Greenville, S. C.	30.00	77.2	95	62	6.21	2.48	6.7	ne.	79	56	65	69
Savannah, Ga.	30.02	80.0	98	67	5.47	1.19	10.0	sw.	83	63	80	60
Wilmington, N. C.	30.02	78.0	92	64	8.77	2.79	8.1	sw.	86	67	82	67
Means and extremes.	30.02	78.1	99	51	5.63	2.98	6.8	sw.	82	58	72	62

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Climatological Data for July, 1923.

Stations	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John Black, Jr.
Blackville	Barnwell	296	39	78.7	−2.8	101	13	62	†19	30	4.35	−1.18	1.15	0	9	14	2	15	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	80.1	−1.3	96	7	67	19	20	7.23	−0.03	1.65	0	18	5	11	15	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	81.3	+1.4	100	12	60	19	36	4.01	−1.24	1.06	0	11	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	79.4	−0.4	96	25	61	10	31	6.36	−0.45	1.66	0	14	14	1	16	sw.	Paul Quattlebaum.
Darlington	Darlington	175	28	[b]79.8	−0.1	[b]98	12	[b]61	10	[b]32	5.42	−0.14	1.43	0	11	11	4	16	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	5.06	−0.70	1.67	0	11	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	79.4	0.0	96	23	57	19	34	3.53	−3.11	0.85	0	8	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	80.6	−0.6	98	6	60	†19	36	4.32	−1.53	1.11	0	10	26	4	1	sw	H. K. Gilbert.
Florence 2	do	136	8	.....	.....	.....	.....	.....	.....	.....	3.82	−2.03	0.83	0	8	13	11	7	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	80.6	.....	100	13	61	11	36	6.19	.....	1.90	0	11	11	14	6	s.	Maner B. Robert.
Georgetown	Georgetown	12	30	80.0	−0.5	100	7	60	10	33	8.88	+1.44	1.15	0	12	13	17	1	w.	A. P. Hazard.
Kingstree	Williamsburg	54	41	80.4	−0.2	103	14	61	†11	35	3.40	−3.12	0.92	0	10	23	1	7	ne.	W. H. Matthews.
Lynchburg	Lee	.....	....	.....	.....	.....	.....	.....	.....	.....	4.78	.....	1.00	0	10	7	16	8	.....	Coy Ling.
Meggett	Charleston	19	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. L. Joyner.
Orangeburg 1	Orangeburg	264	7	79.4	.....	96	†13	63	11	31	3.70	.....	1.28	0	10	12	10	9	sw.	U. S. Fisheries Station.
Orangeburg 2	do	264	3	.....	.....	.....	.....	.....	.....	.....	5.42	.....	1.35	0	13	15	9	7	w.	State A. and M. College.
Paris Island	Beaufort	13	42	80.3	−1.1	93	† 6	71	† 3	18	4.49	−1.67	1.35	0	16	6	9	16	sw.	U. S. Naval Aerological Sta.
Pinopolis **	Berkeley	54	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	4.50	.....	1.10	0	9	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	79.7	−1.1	97	13	61	11	31	8.10	+1.59	3.70	0	12	13	8	10	.....	R. L. Utsey.
Society Hill	Darlington	192	32	81.2	+1.8	104	5	61	† 9	37	5.09	−1.34	1.60	0	11	28	0	3	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	79.3	−0.1	97	7	61	19	34	7.03	+0.37	2.11	0	16	13	13	5	se.	E. P. Lawton.
Wedgefield	Sumter	249	33	80.6	−1.4	98	13	63	19	29	2.67	−2.35	1.10	0	7	23	7	1	sw.	W. Hampton Ramsey.
Yemassee	Hampton	24	34	79.0	−1.8	97	13	60	11	35	5.41	−1.47	1.10	0	12	15	1	15	sw.	W. C. Hinson.
Division means and	extremes	.....	....	80.0	−0.4	104	5	57	19	37	5.17	−1.15	3.70	0	11	15	7	9	sw.	
Western Portion.																				
Aiken	Aiken	527	61	79.4	−0.7	98	†13	63	10	29	6.44	+1.60	1.96	0	8	21	3	7	sw.	Frank B. McCoy.
Anderson	Anderson	764	30	78.5	−1.1	94	24	62	1	27	3.91	−1.13	2.00	0	7	24	0	7	w.	H. H. Russell
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	2.99	−2.35	0.95	0	9	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	78.8	.....	99	13	58	1	34	1.15	−4.37	0.55	0	5	12	6	13	e.	L. M. Parker.
Camden	Kershaw	222	73	81.8	+1.8	99	15	63	19	27	4.59	−0.64	1.38	0	8	20	3	8	w.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	3.34	−3.14	1.45	0	7	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	2.11	−3.20	0.73	0	6	..	.....	.....	.....	George V. Clamp.
Chester	Chester	487	1	78.8	.....	98	12	62	1	31	5.47	.....	1.65	0	8	5	20	6	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	77.1	−0.6	96	13	58	1	32	5.97	+0.70	1.71	0	11	20	5	6	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	79.8	−1.3	97	13	64	1	26	2.37	−3.69	0.50	0	12	11	10	10	s.	U. S. Weather Bureau.
Due West	Abbeville	711	9	78.4	.. ....	96	12	62	1	28	3.15	.....	1.61	0	8	6	16	9	nw	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	4.54	.....	2.75	0	6	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	3.41	−1.29	1.80	0	10	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	77.2	+0.1	95	12	62	2	24	6.21	+0.64	2.48	0	11	8	15	8	ne	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	77.4	−2.2	95	13	59	1	28	2.85	−2.42	1.48	0	5	19	0	12	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	78.4	−1.0	97	12	60	19	30	3.04	−1.85	1.32	0	6	7	16	8	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	78.6	.....	98	12	60	19	32	5.08	.....	1.46	0	12	18	1	12	w.	John W. Hamel.
Landrum	Spartanburg	1063	8	77.4	.....	97	12	57	20	37	3.11	.....	1.63	0	6	15	14	2	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	[a]77.3	.....	[a]93	13	[a]59	1	[a]29	3.28	.....	0.76	0	8	12	18	1	.....	Perry A. Simpson.
Leesville	Lexington	.....	....	.....	.....	.....	.....	.....	.....	.....	1.69	.....	0.41	0	12	10	17	4	sw	J. N. Todd.
Liberty	Pickens	900	23	77.8	−1.2	97	12	60	†19	32	3.19	−2.57	1.20	0	12	13	14	4	sw.	John T. Boggs.
Little Mountain	Newberry	711	30	78.6	−1.7	97	12	60	19	32	3.18	−1.70	0.80	0	7	15	4	12	se.	J. M. Sease, M. D.
Newberry	Newberry	502	19	.....	.....	.....	.....	62	10	.....	1.86	−3.29	0.44	0	7	22	5	4	w.	Sue Ella Peterson.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	7.66	+1.67	4.80	0	7	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	.....	.....	.....	.....	58	1	.....	2.41	−2.68	0.62	0	8	14	12	5	s.	H. A. Riser.
Santuck	Union	512	30	78.8	−0.8	98	12	57	1	35	4.94	−0.17	1.92	0	12	14	11	6	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	78.4	−0.7	98	12	60	1	32	7.17	+2.48	2.52	0	7	20	0	11	.....	F. P. Robinson.
Trenton	Edgefield	620	30	78.7	−1.5	98	13	59	1	31	5.29	+0.19	1.55	0	10	12	12	7	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	77.0	0.0	101	12	58	† 1	40	3.98	−2.44	1.24	0	9	19	9	3	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	29	79.4	−0.2	99	†12	60	1	32	5.15	+0.24	1.24	0	8	12	10	9	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	78.4	−0.7	99	12	60	†10	37	5.25	−0.31	1.80	0	6	12	19	0	s.	W. T. Clawson.
Division means and	extremes	.....	....	78.5	-0.8	101	12	57	† 1	40	4.03	−1.32	4.80	0	8	15	9	7	w.	
Section means and	extremes	.....	....	79.0	−0.8	104	5	57	† 1	40	4.50	−1.44	4.80	0	9	15	8	8	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for July, 1923.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ||||	Savannah														.20																		
Blackville |||	Edisto			.20					.90						.20		1.15		.70			.50				.35			.25		.10	4.35
Charleston ***	Coast	T.	.25		.02			T.	.02	.16				.19	.68		.44	.78	.34				.02	.12	.63	.12	1.27	1.12	.63	.42	.02	7.23
Cheraw |||	Pee Dee		.08	.14	.52			.42	.40	.28					.18	.46		1.06	.15										.32			4.01
Conway |||	Waccamaw		.08	1.27	T	T.		.25	.10	1.66					.03	.03		.11	1.29						.05	.50			.25	.68	.06	6.36
Darlington |||	Pee Dee			.28											.20	.07		1.19	1.43					.30		.70	.82			.40	.03		5.42
Effingham |||	Lynches			.20				.16	1.67	.07					T.	T.		.07	.87					.06		1.50	.15		.15	.16			5.06
Ferguson |||	Santee			.16	.30					.85					T.	T			.82						.17				.82	.22	.19		3.53
Florence 1 |||	Pee Dee			.49				.08	.48						T.	.14		1.11	.40					.43		.57	.23			.39			4.32
Florence 2 |||	do	T		.50					T							.08		.83	.72					.22		.77	.34			.36			3.82
Garnett	Savannah	.01	.48	.15	T										1.90	T	.25	1.28	T.			T.				.04	.20		.37	1.34	T.	.17	6.19
Georgetown	Coast	.68	T.	T.	T.				1.10	.30					.84			.70	.62					1.03		1.05	1.05	.15	.21		1.15		8.88
Kingstree |||	Black			.32					.11	.42									.92						.17	.20	.22			.40	.50	.14	3.40
Lynchburg	Lynches	.05			.06		.21	.24	1.00						.04			.95							.21	.92			.21			.89	4.78
Meggett	Coast																																
Orangeburg 1	Edisto			.59	.02				.24	.88					.40	.11			1.28			T		.02	.02			T.		.14			3.70
Orangeburg 2	do		.48	.11				.51	.62					.67				1.35			.10			.01		1.05			.20	.02	.20	.10	5.42
Paris Island	Coast	.18	.05	.33	.08				.05					.86	.49		.78	.40	.03							.02	.01			.12	.57	.03	.09	4.49
Pinopolis	Cooper																																
Rimini |||	Santee			1.10						.20					.40	.60			.95								.50		.20	.15		.40	4.50
St. George	Edisto			.55	.20	.22			.06	.50					.40	.67			3.70							T.			.70	.20	.05	.85	8.10
Society Hill |||	Pee Dee		.24				.36	.55	.12					.41	.05		1.60	.02										.35		.04	1.35	5.09
Summerville	Ashley		.15	.16	.20				.98	.05							.38	2.11	.11		.08				.08	.11	1.67	.52	.18	.20	.05	7.03
Wedgefield	Wateree		.35	.30					.15					.37	.20			1.10										.20				2.67
Yemassee|||	Ashepoo		.24	.24						1.10					.66	.95		.18	.81				.08				.31		.60	.07	.17	5.41
Western Portion.																																	
Aiken	Edisto	.37	1.96						.35						1.03			1.19								.43			.54	.57			6.44
Anderson	Savannah		2.00					.06						.17				.35	1.03										.25			.05	3.91
Blairs |||	Broad								.30	.02					.95	.25		.22	.65										.45	.05		.10	2.99
Calhoun Falls |||	Savannah		T.						T.	T.					.10			T	.55								.04		.30	.16			1.15
Camden |||	Wateree		.48	1.38	.41			.04							.04			1.02	.80											.42			4.59
Catawba |||	Catawba		.32					.47							.13				.64										.13	1.45		.20	3.34
Chappells |||	Saluda		.20			.72									.03			.03	.40											.73			2.11
Chester	Broad	1.65	.10		T.		.03		T.					.12				.70											1.22	.55	T.	1.10	5.47
Clemson College	Savannah		1.71					1.00	.12					.62				1.21				.20			T.			.03	.31	.72	.02	.03	5.97
Columbia ***	Congaree	.25	14					.16	.15					.27	.01			.50			T.					.50		T.	.22	.01	.07	.09	2.37
Due West***	Savannah	.08	.16					.47	T.					.07	T.		T.	1.61			T.		.01					T.	.31		T.	.44	3.15
Edgefield |||	Savannah				.20	.10				.60									2.75			.10							.79				4.54
Gaston Shoals |||	Broad			1.80	.10			.07			.24					.05		.04	.01					.04					T.	.99	.07		3.41
Greenville ***	Saluda	.41	2.07				.03	.05	.04						.24			.69						.03			T.		T.	2.23	.32	T	.10	6.21
Greenwood |||	do		1.48						.53						.04				.72											.08			2.85
Heath Springs	Wateree	1.02		.11				.25							.20														.14			1.32	3.04
Kershaw |||	Lynches	1.46	.90	.38	.15			.01	.85	.09						.29		.50	.16								.16			.13			5.08
Landrum	Broad		1.63											.14				.18										.32	.47			.37	3.11
Laurens |||	Saluda	.76	.56														.02	.65										.12	.30			.16	3.28
Leesville	Edisto	.08	.06		.01			.24	.11					.12	.01			.33	.02			.05				T.			.34		T.	.02	1.69
Liberty	Savannah	T.	.66		T.		T.	.08	.01					.04		.02	.04	.40	.38				.04			T		T.	.30	1.20		T.	3.19
Little Mountain	Saluda	T.	T.					.80						.73			.20	.25								.46			.59			.15	3.18
Newberry	Saluda							.05	.26					.08			.65	.27								.44						.11	1.86
Pelzer |||	do		4.80						.02						.80	.12		T.	1.04					T.				T.	T.	.04	T.	.84	7.66
Saluda	do		.14						.43					.37				.40	.05		.05								.35			.62	2.41
Santuck	Broad	.02	1.32		T.		T.		.64					.15	T.			.02	.64				.03	.04					1.61	.31	.05	.11	4.94
Spartanburg |||	do		2.11	.25				1.02	T.	T.				T.	T.	T.	T.	T	1.15					.07					T.	2.52	.05	T.	7.17
Trenton	Edisto	.23	.08	.27	T.		T	.36	.12					.95				1.55			T.				T.		1.28	.25				.20	5.29
Walhalla	Savannah		.41				T.	.02	.23					.38				.45					1.24					.79	.20		.26	3.98
Winnsboro |||	Broad			.91						.11						.35		1.07	.57			1.24					.20			.70			5.15
Winthrop College	Catawba	.40					.41							.85				.49											1.30		1.80		5.25

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JULY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	82.0	110	60	7.49	14				
1888	78.9	108	53	3.68	8				sw.
1889	79.5	102	51	7.13	13				sw.
1890	78.4	104	52	6.88	12				sw.
1891	77.9	93	56	5.95					sw.
1892	78.9	102	51	7.44					sw.
1893	82.0	104	60	3.87	9	13	14	4	sw.
1894	77.7	100	55	8.24	16	8	12	11	sw.
1895	79.5	102	54	4.17	8	10	15	6	sw.
1896	80.7	105	51	8.17	13	10	13	8	sw.
1897	80.2	107	54	5.01	11	13	12	6	sw.
1898	80.0	102	54	7.81	14	10	10	11	sw.
1899	80.0	105	47	4.03	9	12	11	8	sw.
1900	81.2	104	55	4.08	9	14	11	6	sw.
1901	81.4	102	62	4.52	10	12	12	7	sw.
1902	80.8	107	58	3.79	9	15	11	5	sw.
1903	80.4	103	45	3.59	8	18	9	4	sw.
1904	79.4	105	50	5.96	12	13	12	6	sw.
1905	80.4	101	60	6.16	12	13	10	8	sw.
1906	78.4	100	56	8.40	16	5	17	9	sw.
1907	81.4	106	56	5.06	11	13	13	5	sw.
1908	79.8	100	60	5.43	12	12	13	6	s.
1909	78.6	104	55	4.92	10	13	12	6	sw.
1910	79.4	102	58	5.83	13	9	15	7	sw.
1911	79.8	102	53	3.79	10	12	13	6	sw
1912	79.6	102	58	5.22	11	14	10	7	sw.
1913	81.9	109	56	4.78	9	15	9	7	sw
1914	80.0	107	53	5.16	9	14	13	4	sw.
1915	80.9	106	55	3.26	8	18	10	3	sw.
1916	77.8	99	60	14.69	17	5	12	14	sw.
1917	79.9	102	52	6.56	12	14	9	8	sw.
1918	77.5	103	50	5.02	11	15	9	7	sw.
1919	79.3	103	51	8.86	13	13	8	10	s.
1920	78.9	102	53	5.60	11	13	10	8	sw.
1921	79.6	101	60	7.44	14	9	13	9	e.
1922	79.9	101	58	7.20	13	12	13	6	sw.
1923	79.0	104	57	4.50	9	15	8	8	sw.
Period	79.8	110	45	5.94	11	12	12	7	sw.

Daily Temperatures for July, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blackville	Maximum	89	81	84	89	95	92	90	90	84	80	94	96	101	87	80	90	90	80	80	85	85	85	95	92	95	94	92	90	90	89	87	88.7
	Minimum	65	65	68	65	66	68	71	70	65	64	64	67	71	72	69	72	72	69	62	62	67	69	71	71	72	70	72	71	72	73	72	68.6
Charleston	Maximum	80	81	82	82	84	88	96	87	81	84	83	89	93	87	87	90	90	78	85	85	94	93	90	90	89	86	82	87	86	87	86	86.5
	Minimum	74	71	71	74	74	75	76	75	73	71	70	73	74	75	74	76	72	71	67	75	74	75	77	77	73	76	73	72	76	74	76	73.7
Cheraw §§	Maximum	93	88	92	95	95	98	90	89	90	94	97	100	98	95	94	94	82	85	90	96	97	99	97	95	96	98	98	94	93	92	97	93 9
	Minimum	65	65	66	67	69	71	68	70	66	63	64	66	72	69	69	75	72	65	60	66	68	71	69	71	74	69	72	71	72	74	72	68.7
Conway	Maximum	81	85	83	86	92	95	94	86	84	87	91	94	94	88	95	94	84	82	80	93	94	95	93	94	96	85	86	90	85	88	90	89.1
	Minimum	65	65	69	67	67	70	70	70	67	61	63	66	70	74	71	75	74	68	63	73	72	73	72	71	71	70	72	73	73	74	74	69.8
Darlington §§	Maximum	91	87	87	91	93	96	92	86	88	93	95	98	96	92	94	94	78	....	....	91	93	94	90	94	90	89	89	88	87	87	88	b90.7
	Minimum	65	66	67	71	68	70	69	72	65	61	63	66	70	70	68	74	70	65	....	....	70	72	68	70	69	70	71	71	73	74	74	b69.0
Ferguson §§	Maximum	85	78	87	87	91	93	94	95	87	87	94	94	97	93	93	94	95	81	87	93	93	92	96	95	95	90	89	89	88	88	78	70.3
	Minimum	67	61	69	67	67	66	72	72	68	63	60	63	70	71	68	70	71	69	57	64	66	78	71	69	76	72	71	70	71	72	73	68.5
Florence 1	Maximum	89	90	88	92	94	98	94	88	89	92	95	97	98	95	95	97	79	85	85	94	96	97	94	96	94	96	91	92	91	90	91	92.3
	Minimum	65	67	68	67	69	70	70	72	66	64	66	67	70	72	69	74	72	67	60	60	71	72	73	70	72	71	60	72	73	74	74	69.0
Garnett	Maximum	86	90	87	88	92	94	97	93	89	90	94	97	100	90	91	92	89	82	84	95	92	93	96	96	97	92	94	93	88	89	88	91.6
	Minimum	66	67	67	68	67	67	70	72	71	66	61	64	71	69	69	71	72	72	65	67	67	71	81	72	73	71	72	70	74	72	73	69.6
Georgetown	Maximum	89	81	90	90	93	95	100	96	97	90	92	95	95	89	90	93	90	82	86	92	95	98	98	88	93	84	83	89	91	89	90	91.1
	Minimum	66	65	66	66	65	67	68	72	68	60	66	66	72	70	73	73	72	67	60	66	72	72	69	70	75	67	72	71	75	70	71	68.8
Kingstree	Maximum	86	82	86	89	94	95	97	89	87	90	94	96	100	103	95	95	83	80	85	95	95	95	98	94	94	90	89	88	87	90	90	91.3
	Minimum	64	66	69	67	66	69	72	72	67	67	66	65	71	72	68	73	74	68	61	67	78	73	71	71	74	70	72	71	73	73	73	69.6
Meggett	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Orangeburg 1	Maximum	86	83	85	86	91	93	94	87	84	87	91	94	96	90	91	93	86	80	84	91	96	93	94	93	96	88	92	90	90	88	87	89.5
	Minimum	64	68	68	67	67	68	72	70	69	64	63	66	69	70	72	73	70	70	67	66	69	70	71	72	72	71	73	70	74	73	72	69.4
Paris Island §§	Maximum	86	82	83	84	89	93	90	82	84	86	86	89	84	84	88	88	79	87	85	89	91	88	89	93	91	87	87	85	84	86	83	86.5
	Minimum	73	72	71	75	75	75	75	74	72	72	71	73	70	71	72	73	73	73	74	76	74	76	77	77	76	76	77	75	77	75	76	74.1
St. George	Maximum	87	87	89	88	91	93	95	89	86	89	92	95	97	89	90	90	91	81	87	91	92	93	95	95	95	95	89	88	87	87	87	90.3
	Minimum	63	68	65	67	67	68	72	72	69	65	61	64	72	71	68	72	72	70	62	65	68	71	70	70	74	72	72	70	75	73	73	69.1
Society Hill §§	Maximum	88	91	93	101	104	94	87	89	95	101	101	100	78	96	95	84	86	86	96	96	100	94	99	94	93	94	93	97	98	93	95	93.9
	Minimum	67	67	66	69	70	67	69	66	61	64	68	71	68	68	74	70	67	61	62	70	71	69	70	71	68	70	71	74	73	70	70	68.5
Summerville	Maximum	86	85	84	87	92	95	97	85	85	89	92	94	98	90	93	93	88	78	85	89	92	93	95	95	96	88	86	87	86	85	88	89.5
	Minimum	63	69	70	68	68	68	71	72	68	65	62	64	70	71	68	72	72	70	61	67	69	71	75	70	73	72	69	68	73	71	72	69.1
Wedgefield	Maximum	89	87	89	90	91	95	97	89	86	92	94	97	98	92	91	93	84	83	88	92	92	93	96	95	94	92	90	90	90	90	90	91.2
	Minimum	65	67	70	68	68	69	72	73	74	66	65	67	71	73	68	72	72	68	63	68	69	71	72	70	74	72	72	72	74	73	71	70.0
Yemassee	Maximum	85	86	86	88	90	93	94	92	86	88	91	95	97	90	91	90	87	82	86	90	92	92	95	94	94	91	92	89	87	87	89	90.0
	Minimum	64	66	67	67	66	65	69	70	69	64	60	62	70	69	67	70	71	70	62	66	66	70	70	72	72	70	70	69	73	70	72	68.0
Western Portion.																																	
Aiken	Maximum	87	77	86	85	88	93	93	90	86	88	90	91	98	88	93	90	88	82	82	92	90	93	95	98	93	90	89	89	88	89	94	89.3
	Minimum	67	69	66	67	68	70	71	69	68	63	65	70	74	69	71	70	70	70	65	68	68	68	69	75	72	74	73	72	70	70	72	69.4
Anderson	Maximum	82	74	83	83	89	89	90	84	84	89	92	94	90	90	90	89	81	80	85	88	91	92	93	94	93	89	88	83	90	90	81	87.4
	Minimum	62	64	65	74	70	70	70	69	70	65	69	72	70	69	75	72	72	74	65	66	69	67	67	68	75	73	71	73	70	72	71	69.6
Calhoun Falls §§	Maximum	86	81	87	90	93	97	97	88	88	92	97	99	98	93	96	92	80	84	86	93	94	97	96	98	97	92	91	87	93	93	83	91.6
	Minimum	58	63	63	64	65	66	67	62	68	61	63	67	68	69	69	69	71	67	61	63	64	65	64	69	69	69	70	69	72	70	66	66.1
Camden §§	Maximum	82	85	87	93	94	97	95	91	89	94	91	96	98	98	89	96	92	82	90	94	95	96	96	97	94	94	94	89	91	90	88	92.4
	Minimum	68	67	70	67	69	70	74	73	73	72	72	73	72	72	73	74	73	68	63	68	69	70	73	74	74	71	72	74	72	73	74	71.2
Chester	Maximum	79	73	84	89	91	93	90	89	86	93	95	98	93	90	95	93	83	82	85	91	93	95	93	94	93	92	92	86	91	90	84	89.5
	Minimum	62	65	66	66	67	71	66	66	66	64	67	68	70	69	69	73	67	66	63	65	70	67	69	71	74	72	72	70	69	73	68	68.1
Clemson College	Maximum	79	77	89	90	90	92	89	84	85	87	98	95	96	89	88	87	84	82	86	90	91	91	90	91	92	92	88	85	89	89	86	88.1
	Minimum	58	63	63	65	68	63	67	66	68	62	64	65	69	67	70	70	72	67	60	59	64	63	62	69	71	70	71	69	71	67	67	66.1
Columbia	Maximum	85	86	84	88	91	94	93	87	85	87	92	95	97	89	90	91	79	82	86	92	92	94	96	96	95	90	91	84	89	89	84	89.3
	Minimum	64	67	69	70	71	70	70	71	69	67	67	69	71	71	70	74	73	70	65	69	70	71	70	72	73	74	72	72	73	74	72	70.3
Due West	Maximum	83	73	83	87	90	93	96	86	84	89	94	96	93	92	92	92	86	80	84	89	91	93	92	94	93	90	88	86	90	90	83	88.4
	Minimum	62	64	67	67	67	68	67	69	69	64	67	69	71	71	69	72	67	68	65	65	68	65	68	68	73	72	70	72	71	74	68	68.3
Greenville	Maximum	80	72	82	88	88	89	87	80	83	88	92	95	88	88	89	86	80	80	84	88	91	92	89	90	89	89	87	86	88	87	87	86.0
	Minimum	62	62	65	65	69	70	68	68	68	64	69	71	67	70	71	72	70	68	65	64	68	68	71	68	74	72	71	69	69	70	68	68.3
Greenwood	Maximum	78	82	73	85	81	88	91	89	83	82	85	90	95	93	89	91	90	76	80	82	87	89	90	91	93	93	89	87	85	88	88	86.7
	Minimum	59	62	64	65	67	69	70	70	68	64	67	67	70	70	70	71	73	67	62	64	67	66	69	67	71	70	70	72	71	73	72	68.0
Heath Springs	Maximum	81	80	82	86	88	95	91	80	83	87	93	97	94	93	91	90	84	82	86	93	93	95	93	92	92	91	89	85	89	88	82	88.6
	Minimum	62	64	66	66	69	70	68	69	66	63	68	70	70	67	68	73	72	65	60	65	70	70	69	68	70	70	71	71	72	72	69	68.2
Kershaw	Maximum	87	81	88	90	93	95	92	90	86	90	95	98	96	90	93	90	83	83	87	92	93	96	96	93	94	92	94	87	93	92	92	91.1
	Minimum	62	64	66	66	68	70	68	68	66	63	66	69	70	69	67	73	72	64	60	65	70	69	67	70	72	69	72	71	73	73	72	68.2
Landrum	Maximum	78	71	83	88	90	92	84	81	88	91	96	97	90	89	92	82	84	82	86	91	94	93	92	94	90	90	89	82	88	90	80	87.7
	Minimum	60	64	63	62	64	67	69	74	74	74	73	70	69	69	69	72	67	65	59	57	65	72	66	63	71	70	69	70	66	68	67	67.1
Laurens §§	Maximum	82	71	....	81	88	92	90	82	84	88	92	92	93	89	91	89	78	86	83	83	90	91	90	92	91	89	87	84	88	89	85	b87.0
	Minimum	59	66	66	....	68	67	65	70	68	66	63	65	67	70	69	71	73	68	62	62	72	63	66	66	72	71	69	71	73	74	72	b67.6
Liberty	Maximum	78	76	86	90	94	90	91	81	86	92	91	97	96	92	92	91	85	81	86	91	84	85	90	94	94	92	91	86	90	90	83	88.6
	Minimum	63	63	65	63	67	70	66	66	66	62	66	69	69	71	62	72	71	68	60	60	70	65	64	65	74	71	72	71	71	70	69	67.1
Little Mountain	Maximum	85	77	80	89	92	94	90	80	83	88	96	97	97	86	88	90	77	83	85	90	91	95	94	94	96	90	89	89	89	88	88	88.7
	Minimum	70	65	68	69	69	69	70	70	65	70	75	65	68	68	68	68	71	65	60	64	69	68	69	70	72	70	69	70	71	66	70	68.4
Newberry	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	70	66	65	65	66	69	68	70	66	62	65	73	69	72	69	69	72	68	63	65	69	66	68	69	74	69	71	73	73	73	73	68.7
Salnda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	58	66	67	64	63	68	67	70	68	69	64	65	68	70	69	72	73	69	61	62	67	65	68	65	72	70	69	73	73	73	69	67.4
Santuck	Maximum	82	74	86	91	93	95	91	85	86	91	95	98	94	96	94	93	90	84	88	92	94	96	94	96	96	94	94	88	90	90	84	90.8
	Minimum	57	64	66	64	65	66	65	68	66	60	63	65	69	68	69	72	68	66	58	62	70	66	64	67	74	71	68	71	71	73	72	66.7
Spartanburg	Maximum	88	74	86	92	92	94	87	83	87	90	95	98	92	90	94	92	84	83	88	96	94	94	93	94	92	94	93	86	90	91	82	89.8
	Minimum	60	62	64	65	68	66	67	69	66	63	65	68	70	69	69	72	71	66	62	62	68	65	67	66	73	70	71	69	69	69	69	67.1
Trenton	Maximum	89	73	85	87	93	94	94	84	85	88	93	97	98	88	89	89	84	79	84	88	91	92	92	93	92	89	89	88	86	86	80	88.4
	Minimum	59	66	68	67	68	70	71	69	69	67	67	70	67	68	69	71	70	68	63	67	68	70	72	71	74	72	72	71	71	72	70	69.0
Walhalla	Maximum	85	78	84	93	92	95	92	87	86	92	99	101	98	94	93	92	82	84	87	93	98	97	94	93	92	88	79	90	92	94	90.8	
	Minimum	58	58	58	59	62	63	61	63	65	59	62	64	66	66	67	67	69	65	60	58	62	60	59	60	69	68	68	67	65	66	66	63.2
Winnsboro §§	Maximum	87	80	87	91	95	97	93	89	89	93	97	99	99	90	94	93	82	82	88	94	92	95	95	95	96	92	92	86	91	90	89	91.1
	Minimum	60	61	66	66	67	70	68	71	66	64	65	67	70	68	68	69	72	66	63	63	68	68	67	70	72	68	69	71	72	72	72	67.7
Winthrop College	Maximum	81	79	88	90	93	95	92	86	89	79	95	99	95	89	90	90	85	84	86	92	90	90	90	94	94	95	92	93	93	91	83	89.5
	Minimum	63	64	64	67	68	67	68	70	61	60	62	70	71	67	68	74	71	64	60	60	67	66	65	70	71	72	70	69	69	73	68	67.3

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.
§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

INSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., AUGUST, 1923. No. 8.

GENERAL SUMMARY.

Thermal conditions ranged near the seasonal average, except a marked cool period about the 24th. Precipitation averaged much above normal, on the whole, but was very badly distributed.

All vegetation responded to the intermittent showers, and corn, sweet potatoes, fall white potatoes, peanuts, late truck and gardens, cane, forage and pastures improved materially during the early part of the month and were in good condition generally at the close. Sweet potatoes, however, had developed rather too much vine for best production. Tobacco curing was completed during the last decade, with generally good to excellent results. The peanut harvest and corn fodder pulling began about the 21st. Cotton made fair to good progress until the last ten days and was blooming and fruiting freely; but the persistent daily showers thereafter caused much boll rot and shedding, in addition to weevil ravages, which had become serious, the pest taking the top crop and attacking large bolls in the intermediate crop; the first bale of the season was ginned at Allendale on the 13th, and picking was quite general about the close of the month. Melons, apples, grapes, and field and garden vegetables were plentiful.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.02 inches. The highest pressure was 30.23 inches at Asheville, N. C., on the 30th, and in the Section proper, 30.17 inches at Due West on the same date; the lowest pressure was 29.82 inches at Columbia on the 13th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 79.3°, or 0.5° above the normal. The highest temperature was 101° at Society Hill on the 15th. The warm periods were from the 5th to 8th and from the 11th to 18th. The lowest temperature was 54° at Walhalla on the 27th. The cool period was from the 23d to the 26th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 86%; noon, 63%; 8 p. m., 79%. The highest percentages occurred on the coastal plain and along the lower Piedmont, and the lowest, over the north-central border counties.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 7.44 inches, or 1.35 inches above the normal. Daily showers were persistent, except from the 11th to the 15th, and the rainfall was very badly distributed. Superabundant amounts were recorded in an extensive section from the lower coast to the middle North Carolina line and in the northwestern counties, where the measuremets ranged from 7 to over 14 inches; elsewhere, the amounts were near or below normal and ranged downward from 6 to less than 4 inches. The greatest local monthly amount was 14.30 inches at Georgetown; least local monthly amount, 3.15 inches at Due West. The greatest 24-hour rainfall was 6.45 inches at Liberty on the 27-28th. The number of rainy days was 9% above normal.

Death by Lightning.—Mrs. Lillie Christopher, Monaghan Mill village, Greenville, 28th.

A rather severe hailstorm occurred in the Ogdon section, near Rock Hill, on the 17th.

A warehouse at St. Matthews, containing about 200 bales of cotton, was fired by lightning and destroyed on the 16th; loss, approximately $25,000.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 6.0 miles. The highest average was 9.7 miles per hour at Savannah, Ga., and in the Section proper, 8.7 miles per hour at Charleston; the lowest average was 3.2 miles per hour at Charlotte, N. C., and in the Section proper, 5.3 miles per hour at Columbia. The highest velocity for any 5-minute period was 39 miles per hour from the northwest at Greenville on the 28th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 250.9 hours, or 61% of the possible amount. The average number of clear days was 11; partly cloudy, 11, and cloudy, 9, as against normals of 13, 11, and 7 days, respectively.

RIVER CONDITIONS.

Freshet conditions prevailed in the upper Saluda River on the 19th and in the lower Broad and Saluda Rivers on the 29th and 30th. The Santee River rose above flood stage at Rimini on the 31st, and the Savannah River was rather high on the 30th and 31st.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 21; Due West, 5, 22, 27, 30; Liberty, 31; Santuck, 27, 29; Walhalla, 10, 25. *Solar:* Charleston, 31; Columbia, 15, 22, 30; Greenville, 14.

Fog, Dense.—Calhoun Falls, 4, 25; Catawba, 4, 20, 22, 23; Columbia, 19, 26; Darlington, 2, 19, 26; Due West, 4, 25; Greenville, 1, 20, 25; Liberty, 4, 10, 20, 27; Rimini, 4; Trenton, 4, 21, 26, 27.

MISCELLANEOUS DATA FOR AUGUST, 1923.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.02	72.6	97	51	2.75	0.72	4.9	nw.	93	59	76	65
Augusta, Ga.	30.01	80.8	96	67	3.36	1.22	3.9	s.	83	63	71	58
Charleston, S. C.	30.03	81.8	96	70	12.29	5.62	8.7	sw.	86	68	83	59
Charlotte, N. C.	30.01	78.4	97	56	2.93	2.15	3.2	sw.	84	57	72	64
Columbia, S. C.	30.03	80.0	98	62	5.47	1.17	5.3	sw.	89	62	79	53
Due West, S. C.	30.06	78.4	96	58	3.15	1.00	6.4	sw.	89	63	...	56
Greenville, S. C.	30.00	76.7	93	59	11.17	4.24	6.1	sw.	86	62	78	60
Savannah, Ga.	30.03	81.9	96	68	6.60	1.83	9.7	sw.	84	64	81	62
Wilmington, N. C.	30.02	79.2	93	62	5.04	0.93	6.1	sw.	88	66	86	68
Means and extremes	30.02	78.8	98	51	5.86	4.24	6.0	sw.	86	63	79	61

JUN 22 1925
UNIVERSITY OF ILLINOIS

Climatological Data for August, 1923.

Stations	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	John Black, Jr.
Blackville	Barnwell	296	39	79.7	−0.8	99	14	66	†24	27	7.65	+1.98	1.40	0	12	10	11	10	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	81.8	+0.8	96	12	70	25	22	12.29	+5.32	5.02	0	18	5	13	13	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	80.4	+1.8	100	15	59	25	34	6.08	−0.52	1.90	0	12	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	80.4	+1.2	97	7	63	24	24	5.76	−1.46	1.45	0	14	13	4	14	sw.	Paul Quattlebaum.
Darlington	Darlington	175	28	79.2	+0.3	96	†15	60	24	27	8.29	+2.96	1.42	0	13	7	6	18	.....	D. C. McCall.
Dillon	Dillon	100	19	.....	.....	.....	.....	.....	.....	.....	5.38	+0.22	1.56	0	8	.....	.....	.....	.....	A. L. McCrary.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	6.35	+0.25	1.46	0	10	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	80.4	+2.0	98	8	65	24	28	11.32	+6.48	3.03	0	15	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	81.8	+1.6	100	17	61	21	30	7.61	+2.06	2.30	0	12	17	11	3	sw	H. K. Gilbert.
Florence 2	....do	136	8	.....	.....	.....	.....	.....	.....	.....	7.20	+1.55	2.95	0	12	9	8	14	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	†82.2	.....	100	16	†68	31	†30	9.95	.....	2.26	0	15	7	16	8	w.	Mauer B. Robert.
Georgetown	Georgetown	12	30	80 2	−0.2	100	8	64	24	28	14.30	+7.50	3.50	0	15	12	14	5	s.	A. P. Hazard.
Kingstree	Williamsburg	54	41	80.2	+0.7	98	†10	62	†20	30	8.27	+1.97	1.10	0	16	15	2	14	s.	Mrs. Ellen Scott.
Lynchburg	Lee	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.06	.....	1.88	0	7	.....	.....	.....	.....	Coy Ling.
Meggett	Charleston	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. L. Joyner.
Orangeburg 1	Orangeburg	261	7	80.7	.....	99	15	65	25	29	9.44	.....	2.27	0	16	10	17	4	w.	U. S. Fisheries Station.
Orangeburg 2††	....do	264	3	.....	.....	.....	.....	.....	.....	.....	7.68	.....	1.98	0	14	7	12	12	sw.	State A. and M. College
Paris Island	Beaufort	13	42	81.0	−0.1	94	7	68	24	19	8.22	+2.28	2.52	0	13	0	13	18	s.	U. S. Naval Aerological St a
Pinopolis**	Berkeley	54	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	8.45	.....	2.40	0	12	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	80.8	+0.8	97	15	68	25	26	6.77	+0.36	1.15	0	15	6	15	10	.....	R. L. Utsey.
Society Hill	Darlington	192	32	80.5	+2.0	101	15	60	23	29	12.20	+6.50	5.90	0	13	21	5	5	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	80.7	+1.3	98	15	68	†25	27	8.30	+0.88	1.14	0	18	13	12	6	sw.	E. P. Lawton.
Wedgefield	Sumter	249	33	80.2	+2.4	99	14	60	†23	28	6.03	+0.12	1.40	0	14	20	5	6	w.	W Hampton Ramsey.
Yemassee	Hampton	24	34	80.6	+0.6	97	14	67	†10	28	6.27	−0.22	1.65	0	13	17	3	11	sw	W. C. Hutson.
Division means and	extremes	.....	.....	80.6	+1.1	101	15	59	25	34	8.28	+1.98	5.02	0	13	11	10	10	sw.	
Western Portion.																				
Aiken	Aiken	527	61	a79.8	+1.0	a97	14	a65	24	a26	5.23	−0.20	1.79	0	10	11	1	19	sw.	Frank B. McCoy.
Anderson	Anderson	764	30	78.4	0.0	95	15	60	24	28	5.60	+0.27	1.28	0	11	23	0	8	w.	H. H. Bissell
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	4.29	−0.81	0.99	0	12	...	...	..	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	78.9	.....	99	15	56	25	29	4.86	−0.35	1.47	0	9	8	11	12	s.	L. M. Parker.
Camden	Kershaw	222	73	80.8	+1.9	98	12	60	24	28	10.53	+5.07	3.60	0	14	22	2	7	sw.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	8.89	+3.68	2.78	0	8	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	4.55	+0.10	1.50	0	9	...	...	.....	.....	George V. Clamp.
Chester	Chester	487	1	i77.5	.....	i97	14	i59	23	i31	8.10	.....	2.10	0	15	.....	.....	.....	ne	J. C. Cornwell.
Clemson College	Oconee	850	31	76.2	−1.2	95	† 8	59	26	29	6.03	+0.77	3.67	0	8	19	10	2	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	80.0	+0.5	98	15	62	24	24	5.47	−1.31	1.17	0	18	4	13	14	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	9	78.1	.....	96	15	58	25	28	3.15	.....	1.00	0	10	0	20	11	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	5.65	.....	1.20	0	14	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	9.99	+4.58	4.44	0	9	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	76.7	+1.0	93	16	59	24	23	11.17	+5.29	4.24	0	13	8	15	8	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	77.2	−1.2	92	† 9	60	†24	24	6.33	+1.14	2.05	0	9	15	0	16	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	78.2	−0.6	96	15	59	24	27	8.18	+2.68	3.63	0	11	2	17	12	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	79.2	.....	97	15	59	24	28	9.53	.....	2.73	0	17	16	2	13	w.	John W. Hunnel.
Landrum	Spartanburg	1063	8	h77.0	.....	h97	16	h55	25	h27	8.82	.....	2.20	0	10	13	13	5	w.	R. Hartwell Wilds, U.S.N.
Laurens	Laurens	589	5	77.5	.....	94	† 8	58	26	28	3.57	.....	1.64	0	10	7	24	0	.....	Perry A. Simpson.
Leesville	Lexington	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.21	−0.53	1.70	0	13	7	18	6	sw.	J. N. Todd.
Liberty	Pickens	900	23	77.6	−0.4	95	15	59	26	28	10.48	+3.97	6.45	0	11	13	14	4	sw.	John T. Boggs.
Little Mountain	Newberry	711	30	f79.2	−0.1	f98	15	59	24	f28	6.70	+1.52	1.00	0	12	12	2	17	sw.	J. M. Sease, M.D.
Newberry	Newberry	502	19	.....	.....	.....	.....	61	24	.....	5.97	+0.41	1.08	0	12	17	12	2	w.	Sue Ella Peterson.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	6.84	+2.01	1.32	0	15	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	79.9	+0.7	99	15	61	26	31	4.94	−0.40	1.03	0	12	9	19	3	s.	H. A. Riser.
Santuck	Union	512	30	78.5	0.0	98	† 7	59	26	33	6.57	+0.84	1.69	0	13	9	14	8	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	78.0	+0.5	96	† 7	58	23	34	6.55	+0.96	1.65	0	13	9	0	22	.....	F. P. Robinson.
Trenton	Edgefield	620	30	78.1	−1.4	96	16	63	24	23	4.19	−1.68	1.58	0	9	10	12	9	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	76.2	−0.2	97	† 8	54	27	52	8.63	+2.36	3.51	0	11	18	11	2	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	29	b79.1	+1.0	b97	15	b60	21	b27	8.29	+2.95	1.73	0	12	9	8	14	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	78.0	−0.4	98	17	58	†23	29	7.93	+2.24	1.60	0	10	2	28	1	s.	W. T. Clawson.
Division means and	extremes	.....	....	78.3	0.0	99	15	51	27	34	6.85	+1.45	6.45	0	12	11	11	9	sw.	
Section means and	extremes	.....	....	79.3	+0.5	101	15	54	27	34	7.44	+1.35	6.45	0	12	11	11	9	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

AUGUST, 1923.—Pressure, text, page 25, lowest should read 29.65 at Charlotte, N. C., on the 25th, and in Section proper, 29.69 at Columbia on same date. Columbia, page 28, minimum temperature, 14th, should read 72; monthly mean minimum, 70.4.

Daily Precipitation for August, 1923.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖‖	Savannah							1.30	.10		1.20								.50		.20		.10		1.40	.25	.80		1.20	.40			7.65
Blackville ‖‖	Edisto	.20																															
Charleston ***	Coast	.01	.45	.08	.01			T.	.01	.12	T.						.88	.82	.41	1.74	T.		T.	.47	4.70	.97	1.12	.09	T.	.01	.26	.14	12.29
Cheraw ‖‖	Pee Dee	.04	.70	.12	.25	.04	.05	T.		1.90	.30								1.30				.22		.24				.92			6.08
Conway ‖‖	Waccamaw	.26	1.45		T.	.26				.19	.27							.17	.45	.85	.10		.07	.13	.95	.34			.27	T.		5.76
Darlington ‖‖	Pee Dee	1.42			.22	T.		.32		.31	1.39							.08	.58	.55				.32	.42	.22			.80	.86		.80	8.29
Dillon	Little Pee Dee.		.11				.58	.51						.09				1.51				.01						1.01			1.56	5.38
Effingham ‖‖	Lynches	1.46	.06		T.	T.					.37							.16	1.31	.62				T.	.40	.88			.57	52			6.35
Ferguson ‖‖	Santee	.11	.43	T.	.17					.84	T.								1.14	.30	1.53		.18	.11	1.02	.11		.60	1.22	3.03		.53	11.32
Florence 1 ‖‖	Pee Dee	1.60						.15		.16	2.30							.80	.70	.46				.04	.29	.44			.06	.61			7.61
Florence 2 ‖‖	do	1.15	.07	T.				.10		.38	2.95							.73	.42	.38				.16	.20	.50			.15				7.20
Garnett	Savannah	T.		.05	T.				.05	.18								.69	.23	.14			.08	1.04	1.75	2.15	2.26	.42	.10	.59	T.	.22	9.95
Georgetown	Coast			T.						.30	.56			1.00			.52	.21	.33	2.00	.72			3.50	2.40	.20		T.	.33	1.90	.25	.80	14.30
Kingstree ‖‖	Black	.32	1.02	.18	.35	.12				.12	.41							.55	.60	1.10	.60					.40		.30	.50	.80		.90	8.27
Lynchburg	Lynches			.21				.24										1.83	1.73					1.25	.35			.45					6.06
Meggett	Coast																																
Orangeburg 1	Edisto	.26	.33	T.	1.19					.02								.47	.53	2.27	T.	.17	.09	.15	.48	1.08	.12	T.	.04	1.09	1.15			9.44
Orangeburg 2	do		.06	.50					.10		.02							.30	1.98		.28		.34	.12	70	.17		.02	1.25	1.84			7.68
Paris Island	Coast			.06	.31					.18								.38		1.65				.31	.11	1.46	2.52	1.13			.06	.02	.03	8.22
Pinopolis	Cooper																																
Rimini ‖‖	Santee		2.40	.15	.90						.75								.40	.70	.30		.20		1.30	.25			.30	.80			8.45
St. George	Edisto	.73	.05			.10				.48	T	.15							1.15	.02	.55				.95	.40	.02	.32	.10	1.15		.60	6.77
Society Hill ‖‖	Pee Dee			.51			.11		5.90	.43								1.64	.07	.12			.78	.10	.18			.51	1.70		.12		12.20
Summerville	Ashley			.51	.36				.55	.05	.27						.76	.93	.58	.45	.26		.14	.16	1.14	.11	.71	.64			.53	.15	8.30
Wedgefield	Wateree			.20						.10	.20					.27	.58	.98	1.40				.30	.27	.40	.25	.20		.28	.60			6.03
Yemassee ‖‖	Ashepoo	.58			.45					.08	.11								.37	.40	.53				.50	1.65	.75	.19		.56		.10	6.27
Western Portion.																																	
Aiken	Edisto		1.79	.58	.21					.25								.39	.27	.21				.87	.19			.47				5.23
Anderson	Savannah		1.28					.25		.55							.56		.15	.10				.73	.30			.16	.54	.98			5.60
Blairs ‖‖	Broad	.05				.05	T.	.25	.07			.99		.05						.48				.54	.46	.33			.62	.40			4.29
Calhoun Falls ‖‖	Savannah	.80	.35	T	T.			1.47		.10														.09	.75	.25			.30	.65			4.86
Camden ‖‖	Wateree	2.04		.15	.27	.38	.04	.31		.40	15	.04							1.30	1.30					.25	.30				3.60			10.53
Catawba ‖‖	Catawba	2.78									.20								2.63	.48				.21	.04				.80	1.75			8.89
Chappells ‖‖	Saluda	.11							.52	.59	.31									.25					1.50	.15			.50	.62			4.55
Chester	Broad		.72		.08	.08				.22	.50							.05	1.45	.25	T.		.50	.07	.25		1.60	2.10	.20			.03	8.10
Clemson College	Savannah	T.					.16			.01									.62				.21	.91					3.67			6.03
Columbia ***	Congaree	.02	.65		.56	T.	T.		.46	.08	.02						T.	.27	1.17	.80		.01	.78	.25	.12	.01	.02	.01	.70			.14	5.47
Due West ***	Savannah		.27	T.			T.		.06	T.	.29							.05	.88			.02		.20	.80	T.		.17	.41			T.	3.15
Edgefield ‖‖	Savannah	.30	.20	.10				.20			.70	.10							.22	.28	.10		.75		1.10	.10			.70	.80			5.65
Gaston Shoals ‖‖	Broad	1.74						T.		.03	.98								.12	4.32				.69	.03				1.42	.66			9.99
Greenville ***	Saluda	.62				.14	T	.02	.31	.12								.62	1.63				.65	.04	.01			.40	4.19	2.42			11.17
Greenwood ‖‖	do	.55				.04		.14		2.05									.10	1.75								.31		.20	1.19			6.33
Heath Springs	Wateree				.15	.17				.45	.27							.58	1.62			.25	.33	.47				.26	3.63				8.18
Kershaw ‖‖	Lynches	1.73		.02	.17	.05	.01	.67		.26	.88	.01							.51	.39	.10			.92	.13	.48				.47	2.73			9.53
Landrum	Broad						.58		.76	.11								.67	1.40				.75	.17				1.36	2.20	.82			8.82
Laurens ‖‖	Saluda	.05	.06															.54	.12	.08			.07	.34	.25			.42	1.64				3.57
Leesville	Edisto		.54	T.					.01	.18								.25	1.16	.22				.22	.18	.03			1.70	.13	.56		.13	5.21
Liberty	Savannah	.40	.38	T.		.02		.05		.02									1.92	.04		T.	.20	.40				.60	6.45	T.			10.48
Little Mountain	Saluda	.75	.75	.05			.95			.20	.15							.73	.84					.43	1.00			T.	.43	.42			6.70
Newberry	Saluda	.11				1.08	.07		.06	.05	.90							.70	.85					.90				.50	.37	.38			5.97
Pelzer ‖‖	do	.42	.24	.20			.12	T	.08	.70									.24	1.32			.12	.56	.88	T.			1.08	.82	.56		6.84
Saluda	do		.61				.14		.40	.08								.31	.66					1.03	.21			.77	1.00	.31		.02	4.94
Santuck	Broad		.75	T.	T.				.62	.21	.63							02	.62	.11		T.	.39	.07	.26			1.17	1.47	.22			6.57
Spartanburg ‖‖	do	.02					.20		.09	.75	.45							T.	.71	1.65	.01			.37	.05				1.06	1.17	.02		6.55
Trenton	Edisto	.13	.13		T.				.43	.25	T.						T.	T.	T.	1.58		T.		.40	.10			.32	.85				4.19
Walhalla	Savannah			.04		.23				.25									.85	.30		.10	1.06	1.28				.38	3.51	.63			8.63
Winnsboro ‖‖	Broad	.43	.14	1.73	.56	T.	1.33					.81							.03	.81				.48	.50	.37				1.10			8.29
Winthrop College	Catawba		.70				1.60			1.50	.38							.50	1.10	.30			.45		.40				1.00				7.93

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.8	101	49	6.54	11				
1888	77.8	102	50	4.53	10				sw.
1889	74.4	97	45	6.37	12				se.
1890	77.1	96	51	4.25	9				s.
1891	78.9	98	55	8.79					sw.
1892	79.5	96	59	4.42					sw.
1893	77.5	97	57	12.45	13	10	9	12	ne.
1894	77.9	102	55	7.28	11	10	13	8	sw.
1895	79.4	101	55	7.95	13	9	14	8	sw.
1896	80.4	105	52	4.14	7	14	12	5	sw.
1897	78.0	102	57	5.16	9	13	9	9	sw.
1898	78.7	99	57	9.81	18	8	11	12	sw.
1899	81.2	103	59	6.26	10	12	11	8	sw.
1900	83.0	106	60	2.13	5	21	9	1	sw.
1901	78.6	97	57	9.01	15	7	14	10	s.
1902	78.6	104	55	5.07	12	14	10	7	sw.
1903	80.6	105	60	7.15	12	15	9	7	sw.
1904	77.6	102	54	8.47	14	12	9	10	sw.
1905	77.9	107	46	5.69	11	15	8	8	sw.
1906	80.6	100	60	6.62	15	7	17	7	sw
1907	79.4	101	54	5.41	9	13	13	5	sw.
1908	78.6	100	49	9.11	10	12	11	8	s.
1909	78.8	104	53	4.83	8	15	12	4	re.
1910	79.0	101	60	6.00	10	11	12	8	ne.
1911	80.0	104	51	6.05	12	10	15	6	sw.
1912	79.2	104	54	3.69	9	16	8	7	sw.
1913	78.9	109	56	3.76	9	15	9	7	sw.
1914	79.0	101	56	5.88	13	9	15	7	sw.
1915	78.8	102	52	7.62	14	11	11	9	sw.
1916	79.6	100	58	3.27	8	16	10	5	sw
1917	78.5	102	49	3.23	8	15	10	6	sw.
1918	80.2	106	52	4.45	7	20	7	4	sw
1919	78.5	103	53	5.08	9	14	11	6	sw.
1920	77.7	100	56	8.08	14	8	12	11	sw.
1921	78.2	102	56	4.14	10	14	10	7	nc.
1922	76.4	98	49	5.07	11	12	8	11	ne.
1923	79.3	101	54	7.44	12	11	11	9	sw.
Period	78.8	109	45	6.09	11	13	11	7	sw.

Daily Temperatures for August, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blackville	Maximum	87	92	93	96	94	94	92	92	90	90	89	85	97	99	97	98	96	90	88	89	90	94	87	80	80	81	79	78	79	80	78	88.8
	Minimum	72	70	70	70	70	71	73	73	73	72	70	70	73	73	72	74	71	71	72	71	72	72	70	66	66	67	69	69	69	69	69	70.6
Charleston	Maximum	84	85	84	87	91	89	95	95	93	91	92	96	95	90	91	95	94	91	85	87	88	89	90	84	75	78	84	86	89	85	82	88.4
	Minimum	74	77	76	78	76	77	77	77	76	74	78	78	79	78	77	77	72	75	72	75	72	75	76	78	72	71	70	72	75	77	75	75.2
Cheraw §§	Maximum	92	94	90	91	94	95	98	95	89	89	93	95	96	97	100	98	98	85	87	84	93	92	68	71	89	92	91	89	88	92	87	90.7
	Minimum	70	69	74	71	73	74	73	75	72	73	71	72	75	70	70	73	74	72	71	71	71	72	65	60	59	61	64	72	69	70	70	70.2
Conway	Maximum	86	87	84	87	93	94	97	96	91	89	95	94	94	91	95	95	92	82	85	91	93	93	88	75	82	84	86	90	89	88	82	89.4
	Minimum	72	68	69	74	74	75	75	75	73	72	72	75	76	71	73	74	73	71	72	71	71	75	72	63	67	64	66	71	69	71	70	71.4
Darlington §§	Maximum	87	90	89	90	92	91	92	94	86	85	91	91	93	93	96	96	94	83	81	90	91	88	71	73	85	88	85	85	86	88	87	88.1
	Minimum	70	69	72	71	73	75	72	75	73	71	71	72	75	70	73	74	73	71	71	70	72	74	69	60	61	61	65	71	68	70	66	70.3
Ferguson §§	Maximum	90	89	88	91	93	93	96	98	91	90	94	93	97	97	97	96	93	90	91	90	92	90	87	71	81	83	86	90	87	89	89	90.4
	Minimum	71	68	71	69	72	72	73	74	72	71	70	74	73	70	69	73	72	70	68	68	72	73	73	65	66	66	68	70	68	69	69	69.3
Florence 1	Maximum	89	90	90	93	95	95	96	99	90	88	95	92	96	97	99	95	100	90	91	93	91	92	84	73	87	89	88	91	89	92	84	91.5
	Minimum	71	78	71	72	74	76	73	76	74	73	74	74	77	74	74	75	75	70	72	73	74	74	73	61	62	64	71	72	69	71	68	77.1
Garnett	Maximum	91	92	91	92	94	94	97	98	92	93	97	96	93	99	99	100	97	93	94	93	96	93	91	88	74	88	90	91	90	91	86	92.7
	Minimum	71	....	72	70	71	72	73	72	72	69	71	72	77	73	70	75	....	....	....	....	71	74	....	71	69	72	72	70	70	72	68	171.6
Georgetown	Maximum	88	88	85	91	94	94	99	100	98	92	95	94	98	93	94	93	91	80	90	89	92	90	96	84	75	83	87	89	89	89	86	90.1
	Minimum	70	68	72	72	73	73	74	75	72	70	72	74	73	71	73	72	71	69	71	66	72	71	70	64	65	66	68	69	68	70	67	70.4
Kingstree	Maximum	89	89	86	92	93	93	96	97	92	98	95	95	95	98	98	96	88	85	87	88	91	90	88	78	76	81	82	88	88	88	88	89.9
	Minimum	71	67	72	72	73	74	74	75	68	72	73	74	75	71	72	74	72	70	72	62	71	75	72	63	62	63	68	71	68	71	69	70.5
Meggett	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orangeburg 1	Maximum	89	91	85	91	93	93	95	95	89	91	95	95	96	96	99	96	95	88	89	91	95	91	91	73	79	82	82	89	88	89	83	90.1
	Minimum	71	69	72	70	72	76	73	74	74	71	72	75	76	71	70	75	74	70	72	71	71	73	73	66	65	66	69	70	69	70	70	71.3
Paris Island §§	Maximum	84	83	85	89	87	93	94	93	89	88	91	90	91	86	90	92	90	89	87	85	87	87	82	77	80	82	84	87	90	83	82	87.0
	Minimum	74	75	79	76	74	75	77	78	75	73	77	76	77	77	74	79	79	77	70	74	76	75	76	68	69	71	73	75	75	74	74	74.9
St. George	Maximum	87	89	85	90	93	92	94	96	91	89	95	93	94	97	95	95	89	87	91	92	92	90	90	74	79	83	87	89	90	90	84	89.7
	Minimum	72	70	72	71	72	73	74	74	73	71	71	73	76	73	71	72	75	71	73	72	72	73	73	71	68	69	71	73	69	73	70	72.0
Society Hill §§	Maximum	94	95	98	94	94	97	98	89	89	98	97	94	99	101	97	87	87	87	93	96	93	68	73	88	89	88	87	92	92	87	88	91.6
	Minimum	69	72	71	73	70	72	75	69	72	71	71	74	71	71	72	72	71	70	69	70	74	67	60	61	61	64	66	69	69	68	67	69.4
Summerville	Maximum	87	90	88	90	91	92	94	94	92	90	94	94	96	97	98	96	97	88	91	89	92	90	90	79	74	82	86	91	88	90	91	90.0
	Minimum	71	70	71	71	72	73	74	73	72	70	70	74	75	73	71	74	72	71	71	71	72	74	72	71	68	68	71	73	70	68	68	71.4
Wedgefield	Maximum	92	91	89	93	91	95	97	98	85	90	95	96	98	99	97	94	87	87	89	92	89	87	72	84	83	84	85	88	85	90	85	89.9
	Minimum	72	68	71	71	73	72	73	74	74	72	72	72	71	73	73	73	71	70	70	71	73	73	70	66	66	64	68	69	72	68	72	70.4
Yemassee	Maximum	90	90	88	89	92	93	94	93	89	92	95	93	94	97	96	96	94	92	93	92	93	90	90	85	73	85	87	90	90	90	84	90.6
	Minimum	69	70	70	69	70	71	72	72	72	67	70	72	75	73	69	72	74	71	71	70	70	72	70	70	68	69	71	69	69	71	67	70.5
Western Portion.																																	
Aiken	Maximum	88	89	89	88	92	91	94	92	88	88	92	90	91	97	95	93	94	88	88	89	91	88	87	70	83	82	84	82	83	88	....	a88.5
	Minimum	68	72	72	71	81	72	71	72	72	72	72	72	71	72	74	72	71	72	69	73	71	70	65	66	68	70	66	69	71	....	....	a71.0
Anderson	Maximum	83	87	88	89	90	93	93	91	87	88	88	91	90	90	95	94	91	86	83	88	88	90	85	72	82	83	82	82	83	83	84	87.1
	Minimum	67	68	71	71	73	74	75	71	70	73	70	72	73	69	70	75	73	75	70	70	70	72	62	60	62	64	68	71	68	68	65	69.7
Calhoun Falls §§§	Maximum	88	89	88	93	92	96	94	98	94	92	93	94	92	95	99	98	96	94	91	88	75	80	86	83	85	86	83	86	85	86	87	90.8
	Minimum	65	65	67	68	69	70	68	70	69	70	68	70	69	68	68	72	72	70	70	67	68	69	68	59	56	58	62	68	61	64	63	67.0
Camden §§	Maximum	92	93	90	91	91	93	95	92	96	90	92	98	96	96	98	94	94	88	87	93	92	92	81	79	88	88	89	88	88	87	86	90.9
	Minimum	70	70	72	72	72	73	71	74	71	73	69	74	78	76	70	73	72	72	73	70	69	71	73	73	60	63	65	68	67	69	69	70	70.6
Chester	Maximum	86	....	....	....	....	....	....	....	....	....	....	91	94	92	91	97	94	94	83	83	90	91	90	72	71	76	85	86	85	85	85	82	b86.5
	Minimum	66	....	....	....	....	....	....	....	....	....	....	71	72	74	69	78	73	72	70	70	70	72	71	59	60	61	61	69	68	67	68	65	b68.5
Clemson College	Maximum	87	90	88	90	91	92	93	95	90	88	90	89	91	89	95	90	90	87	87	88	89	75	76	75	76	76	76	74	83	81	82	85.5
	Minimum	64	65	67	69	70	70	69	70	71	71	72	69	69	66	67	70	68	69	68	68	67	70	64	60	60	59	64	67	66	64	60	66.9
Columbia	Maximum	92	90	89	88	91	90	95	95	86	88	92	94	95	96	98	94	94	88	86	90	90	90	84	68	81	83	82	86	86	87	83	88.7
	Minimum	70	70	73	73	73	75	72	73	73	72	73	73	77	74	74	77	73	72	71	71	74	74	64	62	64	63	70	69	69	70	68	71.2
Due West	Maximum	87	86	88	89	90	92	93	96	87	87	89	91	91	92	96	95	93	89	86	89	91	89	81	69	81	84	83	82	83	83	84	87.7
	Minimum	67	67	70	70	72	73	71	71	69	72	69	71	73	67	68	75	71	69	69	70	71	73	61	60	58	63	68	67	67	65	66	68.5
Greenville	Maximum	83	86	86	88	87	89	91	91	84	86	88	91	90	88	93	93	92	81	81	87	87	87	72	75	81	84	79	79	82	82	83	85.4
	Minimum	65	67	69	71	70	71	71	68	71	72	69	71	72	69	70	74	70	68	69	69	69	71	59	59	60	62	67	66	66	67	65	68.0
Greenwood	Maximum	80	84	86	88	89	90	88	91	92	84	85	87	89	90	89	92	91	90	85	80	86	89	87	81	66	79	81	81	83	81	81	85.3
	Minimum	67	67	70	71	72	74	71	71	68	71	70	71	75	70	70	73	73	71	68	70	71	71	70	60	60	62	66	70	67	66	64	69.0
Heath Springs	Maximum	86	85	86	83	85	86	94	93	88	85	88	91	93	90	96	94	95	93	89	87	89	88	86	83	83	82	81	84	84	84	82	87.5
	Minimum	68	68	72	71	72	72	71	75	71	72	70	73	75	69	70	70	72	70	69	70	72	71	62	59	60	60	61	70	68	68	66	68.9
Kershaw	Maximum	93	90	91	89	92	93	94	94	85	88	93	93	93	92	97	95	93	86	85	91	91	93	76	76	86	85	87	87	87	88	84	89.3
	Minimum	68	70	72	72	72	73	70	74	71	72	69	72	72	69	69	72	72	71	70	69	71	73	63	59	62	61	66	71	68	67	66	69.2
Landrum	Maximum	85	89	90	92	91	93	95	95	87	87	....	....	....	....	....	....	97	94	....	....	....	89	91	72	78	94	87	82	82	85	86	84	b88.0
	Minimum	65	64	65	75	74	69	68	71	73	70	....	....	....	....	....	....	70	75	....	....	....	65	69	58	58	55	56	69	68	65	65	61	b66.1
Laurens §§§	Maximum	85	86	88	90	91	91	92	94	87	88	91	93	92	89	94	92	94	82	82	87	89	90	70	68	81	83	83	85	81	82	83	86.5
	Minimum	69	66	68	70	72	76	71	73	71	71	69	71	73	67	66	71	70	72	70	69	69	70	70	60	60	58	66	69	68	65	63	68.5
Liberty	Maximum	86	90	91	91	91	88	90	81	90	89	91	92	92	91	95	92	94	84	84	89	90	91	88	86	85	85	76	78	84	88	83	87.9
	Minimum	67	65	68	69	72	71	70	71	71	71	69	72	71	68	69	66	69	68	70	69	67	72	63	61	62	59	64	64	64	64	63	67.4
Little Mountain	Maximum	87	86	91	93	91	91	96	95	85	86	90	91	94	96	99	94	91	84	83	90	94	90	83	70	81	....	....	....	....	....	....	c89.3
	Minimum	66	67	69	70	75	75	69	70	67	70	70	70	74	74	74	70	70	71	69	69	70	69	62	59	61	....	....	....	....	....	....	c69.2
Newberry	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	88	88	93	93	94	87	69	88	88	87	85	85	86	....	....
	Minimum	66	65	70	73	73	74	71	73	70	72	70	72	74	69	69	72	71	71	71	71	71	72	73	63	61	64	61	69	70	69	70	70	69.6
Saluda	Maximum	91	86	91	92	93	94	97	95	88	89	93	91	96	98	99	95	96	90	86	93	92	91	86	70	86	87	84	85	87	87	87	90.3
	Minimum	67	67	70	71	73	74	71	72	71	72	70	72	75	68	69	72	71	71	71	71	71	70	72	63	62	64	61	70	70	70	67	66	69.5
Santuck	Maximum	88	88	91	92	92	95	98	98	87	88	91	96	95	92	98	96	97	82	85	91	92	92	75	71	84	86	84	85	88	86	86	89.3
	Minimum	65	66	69	70	72	73	70	72	70	73	70	72	73	67	65	71	72	71	71	70	69	71	66	61	64	59	64	63	69	66	62	67.7
Spartanburg	Maximum	87	87	91	93	93	92	96	96	88	89	92	93	92	92	96	95	94	85	93	90	91	92	71	78	84	87	85	85	86	86	84	88.8
	Minimum	67	66	68	67	71	71	71	71	70	70	69	71	73	68	67	71	67	70	68	68	68	70	58	60	60	59	64	69	66	66	62	67.3
Trenton	Maximum	86	86	87	86	89	91	90	90	86	84	88	89	88	92	94	96	91	91	86	88	89	86	83	69	76	82	82	82	81	85	86	86.4
	Minimum	70	68	72	72	72	72	70	71	71	71	75	72	75	71	73	76	74	71	70	69	69	69	66	63	64	64	65	66	69	66	67	69.8
Walhalla	Maximum	85	88	90	91	93	91	94	97	90	88	90	95	92	92	96	96	97	85	85	90	90	92	83	78	84	86	78	80	86	85	85	88.8
	Minimum	60	61	63	66	66	68	65	68	66	66	64	66	67	62	65	67	65	68	68	63	63	65	64	58	55	54	65	64	59	59	63.5
Winnsboro §§§	Maximum	90	86	88	89	94	91	94	95	87	88	....	94	94	94	97	96	95	85	85	91	92	91	78	69	85	86	86	85	....	88	84	b88.9
	Minimum	67	69	69	71	72	72	70	74	71	72	70	....	72	71	70	73	73	71	69	69	70	73	70	60	61	63	64	70	69	....	66	b69.3
Winthrop College	Maximum	87	85	90	91	92	93	94	95	88	87	91	92	94	95	97	96	98	96	84	89	90	91	75	73	75	80	86	79	85	86	85	88.4
	Minimum	66	68	70	70	71	72	71	70	71	70	70	69	72	71	68	69	69	69	68	69	66	71	58	59	59	58	60	69	68	67	69	67.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.
§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., SEPTEMBER, 1923. No. 9

GENERAL SUMMARY.

Temperatures averaged somewhat above normal, with no marked extremes. Precipitation was poorly distributed, with superabundant amounts in some eastern counties and deficient rainfall elsewhere.

The showers during the early part of the month invigorated all late crops generally, and intermediate and late corn, sweet potatoes, fall white potatoes, cane, forage, and pastures showed improvement; these crops were further improved by good rains during the latter part of the month. A fair to good corn crop was practically matured by the end of the month, and sweet potato and peanut harvests showed good results generally. Large quantities of corn fodder and other forage were secured in good condition. The moist, cloudy weather during the first part of the month was attended by deterioration in the cotton crop, and fruitage was practically ended by the middle of the month; the weevil destroyed the top crop, and rather serious damage from boll rot and shedding occurred in some sections; on the whole, the crop opened rapidly, and picking was well advanced, with indications of this work being finished earlier than usual. Field and garden vegetables and fall fruits were relatively plentiful. Considerable fall plowing was done toward the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.07 inches. The highest pressure was 30.48 inches at Columbia and Due West, S. C., and at Asheville and Charlotte, N. C., on the 17th; the lowest pressure was 29.77 inches at Wilmington, N. C., on the 29th, and in the Section proper, 29.78 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 75.5°, or 1.2° above the normal. The highest temperature was 99° at Garnett on the 7th. The warmest periods were between the 4th and 8th and from the 19th to the close of the month. The lowest temperature was 50° at Santuck on the 17th and 18th and at Walhalla on the 14th. The cool period was from the 14th to 18th, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 86%; noon, 59%; 8 p. m., 75%. The highest percentages occurred along the coast, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 2.61 inches, or 1.15 inches below the normal. The rainfall was poorly distributed, and the amounts were generally deficient in most of the western part of the State and in a few northeastern counties. Showers were intermittent during the first half of the month, and rain was general between the 20th and 26th. In the region from the upper coast to Lancaster County, the amounts ranged from 4 to over 9 inches; elsewhere, the amounts were 3 inches or less, with less than one inch in a considerable area of the northwestern counties and along the lower coast. The greatest local monthly amount was 9.62 inches at Wedgefield; least local monthly amount, 0.44 inch at Greenwood. The greatest 24-hour rainfall was 4.37 inches at Blackville on the 21st-22d. The number of rainy days was 14% below normal.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 6.3 miles. The highest average was 10.2 miles per hour at Charleston; the lowest average was 2.4 miles per hour at Augusta, Ga., and in the Section proper, 5.4 miles per hour at Columbia. The highest velocity for any 5-minute period was 38 miles per hour from the northeast at Charleston on the 27th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 251.1 hours, or 68% of the possible amount. The average number of clear days was 16; partly cloudy, 9, and cloudy, 5, as against normals of 15, 9, and 6 days, respectively.

RIVER CONDITIONS.

The rivers of the Section were uniformly low throughout the period after the first few days of the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 23; Columbia, 24; Walhalla, 17, 21. *Solar:* Charleston, 18, 28; Columbia, 18; Due West, 17; Paris Island, 24.

Hail.—Catawba, 13.

Fog, Dense.—Columbia, 12; Due West, 3, 25; Garnett, 12; Kingstree, 7, 26; Liberty, 5, 12; Orangeburg No. 1, 4, 11; Pelzer, 3; Rimini, 3, 4, 11, 25, 26; Saluda, 3, 4, 12, 24, 25; Trenton, 24, 25.

ERRATA.

AUGUST, 1923.—Mean Pressure, Columbia, in Miscellaneous Data, page 29, should be 30.02. Month, in Errata, page 30, should read July.

MISCELLANEOUS DATA FOR SEPTEMBER, 1923.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.10	67.6	83	48	2.64	1.28	5.8	se.	93	56	75	65
Augusta, Ga.	30.06	77.4	94	58	1.62	1.59	2.4	e.	83	54	70	77
Charleston, S. C.	30.05	77.8	95	62	2.11	0.71	10.2	ne.	84	66	80	64
Charlotte, N. C.	30.08	73.7	91	53	2.32	0.68	3.6	ne.	84	56	70	66
Columbia, S. C.	30.08	76.3	94	57	3.13	1.63	5.4	ne.	88	59	73	68
Due West, S. C.	30.10	74.3	92	55	1.54	0.80	6.7	ne.	85	57	...	68
Greenville, S. C.	30.07	73.4	89	54	1.41	1.04	6.6	ne.	83	59	69	71
Savannah, Ga.	30.04	78.2	95	63	2.94	1.07	9.7	ne.	86	61	80	62
Wilmington, N. C.	30.08	74.2	89	56	7.20	3.05	6.3	ne.	87	65	82	69
Means and extremes	30.07	74.8	95	48	2.77	3.05	6.3	ne.	86	59	75	68

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Climatological Data for September, 1923.

Stations	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Allendale	Allendale	186	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John Black, Jr.
Blackville	Barnwell	296	39	75.8	+0.2	98	6	55	16	28	4.67	+0.49	4.37	0	4	20	2	8	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	77.8	+1.2	95	6	62	16	20	2.11	−3.35	0.71	0	12	5	16	9	ne	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	77.2	+4.1	98	6	51	18	38	2.07	−1.50	1.48	0	4	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	75.8	+1.6	94	6	56	†16	27	4.30	−0.49	0.95	0	11	10	6	14	ne.	Paul Quattlebaum.
Darlington	Darlington	175	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	5.09	+1.08	1.90	0	7	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	75.4	+1.4	94	6	55	17	27	3.28	−0.52	0.77	0	7	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	77.8	+3.2	97	† 7	54	17	29	1.22	−2.77	0.93	0	4	26	4	0	ne.	H. K. Gilbert.
Florence 2	....do	136	8	.....	.....	.....	.....	.....	.....	.....	1.76	−2.33	1.59	0	2	15	7	8	s.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	78.4	.....	99	7	59	16	28	4.73	.....	1.91	0	6	6	20	4	.....	Miner B. Robert.
Georgetown	Georgetown	12	30	75.9	0.0	96	8	56	16	30	5.97	+1.81	3.15	0	6	18	9	3	e.	A. P. Hazard.
Kingstree	Williamsburg	54	41	76.1	+1.8	92	† 5	55	16	37	3.66	- 0.44	2.30	0	6	21	5	4	s.	Mrs. Ellen Scott.
Meggett	Charleston	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. L. Joyner.
Orangeburg 1	Orangeburg	264	7	76.0	.....	95	6	55	16	26	2.50	.....	0.52	0	9	8	15	7	sw.	U.S. Fisheries Station.
Orangeburg 2††	....do	264	3	.....	.....	.....	.....	.....	.....	.....	3.02	.....	0.77	0	7	18	7	5	ne.	State A. and M. College
Paris Island	Beaufort	13	42	78.8	+6.6	97	6	64	16	22	1.98	−2.91	1.36	0	6	0	16	14	se.	U.S. Naval Aerological Sta
Pinopolis **	Berkeley	54	76	.....	.....	.....	7	[60	20	.....	.....	.....	1.50	0	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	4.97	.....	3.07	0	6	..	..	..	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	77.3	+2.4	97	† 6	57	16	27	2.09	−1.80	1.30	0	5	5	16	9	.....	R. L. Utsey.
Society Hill	Darlington	192	32	75.9	+2.8	86	7	51	17	40	4.68	+0.70	2.25	0	8	21	5	4	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	76.6	+1.9	98	7	58	15	29	4.42	+0.08	1.00	0	13	14	11	5	ne.	E. P. Lawton.
Wedgefield	Sumter	249	33	76.6	+2.7	94	† 6	56	†16	27	9.62	+6.15	4.00	0	7	24	4	2	ne	W. Hampton Ramsey.
Yemassee	Hampton	24	34	77.0	+1.7	96	† 6	58	16	30	3.92	−0.12	2.72	0	5	17	1	12	ne.	W. C. Hutson.
Division means and	extremes	.....	.....	76.8	+1.4	99	7	51	18	40	3.80	−0.31	4.37	0	7	14	9	7	ne	
Western Portion.																				
Aiken	Aiken	527	61	77.0	+2.8	94	† 6	58	16	25	1.93	−1.45	1.76	0	2	23	1	6	ne.	Frank B. McCoy.
Anderson	Anderson	764	30	75.1	+1.4	92	† 6	55	16	30	1.20	−1.79	0.89	0	3	25	0	5	w.	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	1.60	−1.20	1.03	0	3	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	75.3	.....	95	† 6	54	16	34	0.63	−3.27	0.38	0	2	19	7	4	e.	L. M. Parker.
Camden	Kershaw	222	73	77.2	+3.4	95	7	55	†17	34	4.85	+1.19	3.03	0	7	24	1	5	w.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	3.22	−0.21	2.03	0	4	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	1.30	−1.84	0.95	0	5	.....	.....	.....	.....	George V. Champ.
Chester	Chester	487	1	74.8	.....	96	6	53	18	29	1.43	.....	0.60	0	5	11	14	5	sw.	J. C. Cornwell.
Clemson College	Oconee	850	31	74.3	+2.1	91	6	55	†14	33	0.45	−3.51	0.35	0	3	20	9	1	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	76.3	+2.6	94	6	57	16	25	3.13	−0.32	1.63	0	9	10	13	7	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	9	74.3	.....	92	6	55	16	28	1.54	.....	0.80	0	8	12	7	11	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	1.71	.....	0.90	0	5	..	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	1.42	−1.75	0.34	0	7	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	73.4	+2.5	89	6	54	16	26	4.41	−2.38	1.04	0	9	14	13	3	ne	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	73.3	+0.2	90	7	55	†16	28	0.44	−3.22	0.18	0	4	24	0	6	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	73.2	+0.1	90	6	51	18	33	6.15	+3.16	2.15	0	8	11	16	3	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	74.6	.....	93	7	51	18	35	4.25	.....	2.03	0	9	16	2	12	e.	John W. Hamel.
Landrum	Spartanburg	1063	8	[74.2	.....	98	6	51	18	36	1.85	.....	0.83	0	5	17	10	3	w.	R. Hartwell Wilds, U.D.S.
Laurens	Laurens	589	5	[73.2	.....	[90	† 6	[54	16	[26	0.95	.....	0.53	0	3	11	18	1	.....	Perry A. Simpson.
Liberty	Pickens	900	23	74.3	+1.8	[91	5	54	16	32	0.55	−3.46	0.35	0	8	17	13	0	ne.	John T. Boggs.
Little Mountain	Newberry	711	30	74.8	+0.1	94	7	54	16	29	2.48	−0.36	1.68	0	2	24	3	3	s.	J. M. Sease, M. D.
Newberry	Newberry	502	19	76.2	+2.0	96	7	56	17	33	1.27	−1.60	1.18	0	3	20	7	3	w.	John H. Baxter.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	1.42	−2.02	1.24	0	3	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	75.4	+1.3	95	7	54	17	33	1.81	−1.27	0.80	0	4	13	17	0	sw	W. S. Crout.
Santuck	Union	512	30	74.6	+1.4	95	6	50	†17	41	1.02	−2.24	0.95	0	3	16	13	1	se.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	74.3	+2.3	94	6	53	16	35	1.11	−2.17	0.43	0	5	..	..	..	.....	F. P. Robinson.
Trenton	Edgefield	620	30	75.3	+0.8	91	† 6	55	†16	26	1.47	−1.71	1.39	0	2	15	14	1	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	72.8	+2.0	94	12	50	14	43	1.87	−3.90	0.89	0	8	17	11	2	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	29	75.2	+2.0	94	† 6	54	18	31	2.06	−1.28	1.56	0	4	9	19	2	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	74.4	+1.8	94	6	52	18	36	.....	.....	.....	0	..	9	21	0	s.	W. T. Clawson.
Division means and	extremes	.....	.....	74.7	+1.5	98	6	50	†14	43	1.88	−2.00	3.03	0	5	17	9	4	ne.	
Section means and	extremes	.....	.....	75.5	+1.2	99	7	50	†14	43	2.67	−1.15	4.37	0	6	16	9	5	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb: means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow

Daily Precipitation for September, 1923.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
llendale ||||	Savannah																																
ackville ||||	Edisto		.20			.10								T									4.00	.37								4.67
harleston ***	Coast	.10		.01	.02	.07		.06	.71		.22	T.	.02	T.	.24	T.						.02	.49		.15			T.					2.11
heraw |||	Pee Dee				.21			.22							.16								1.48									2.07
nway ||||	Waccamaw			.15	.67		.54	.15		.82	.07												.48	.38	.95	.05	T.		T.	.04		4.30
arlington ||||	Pee Dee																																
llingham ||||	Lynches		T.	.31	.11		.92		.10						1.90									1.75								5.09
rguson ||||	Santee	.35	.20	.32		T.							.45		.77										.85	.34						3.28
orence 1 ||||	Pee Dee														.93								.05	.18	.06							1.22
orence 2 ||||	do			T.											1.59								T.	.17	T							1.76
rnett	Savannah	.37	.13	1.35								.27											.70	1.91								4.73
orgetown	Coast	.31		1.40	T.	T.			.63	T.	T.	.15								T.			.33	3.15				T.				5.97
ngstree ||||	Black		.05	.30	.50	.01																		2.30		.50						3.66
eggett	Coast																																
angeburg 1	Edisto			.02	.02	.52			.42				.42		.31								.26	.51	.02							2.50
angeburg 2	do			.15	.10			.65				.28		.77								.32	.75									3.02
ris Island	Coast		.04	.05					1.36	T.		.03											.30	T.	.19			T.				1.98
nopolis	Cooper							.50		.20			.45										1.50	.73								
mini ||||	Santee					3.07						.20	.20		.40									.20	.90								4.97
George	Edisto			.10	T.					.62		.03					T							1.30	.04								2.09
ciety Hill ||||	Pee Dee			.18	.52	.30							.23									2.25	.25	.40		.55						4.68
mmerville	Ashley	.20	.87	.18		.03			.56	.10	.18	.31	.28		.23								1.00	.23	.25								4.42
dgefield	Wateree					4.00			.30			.92			1.00								1.75	1.20		.45							9.62
uassee ||||	Ashepoo		.49	.17	.17																			2.72	.37				T.				3.92
Western Portion.																																	
ken	Edisto							.17															1.71										1.93
derson	Savannah			.21				.10														.89											1.20
irs ||||	Broad													.15									1.03				.42						1.60
lhoun Falls ||||	Savannah			T.	.38	T.																	.25										0.63
nden ||||	Wateree		.30	.22	.45																		3.03	.35	.12		.38						4.85
tawba ||||	Catawba								.60						.43							.16	2.03										3.22
ppells ||||	Saluda					.05									.03							.05	.95				.22						1.30
ester	Broad			.55																	.03	.60	.20	.05									1.43
nson College	Savannah			.35																		.09					.01						0.45
lumbia ***	Congaree	.01		.02	.21			T				.98		T.								.82	.81	.05	.22	.01							3.13
e West***	Savannah	.02	.05	.02	T.				T.								T.				.16	.64	.02	T.		.58	.05						1.54
gefield ||||	Savannah	.05	.11	.05	.90																		.60										1.71
ston Shoals ||||	Broad				.34	.16							.07										.13	.33	.20			.09					1.42
enville ***	Saluda		.12	.05	T.				T.		.07	.07		T.							.02	.96	.09	T.	.02	.01			T				1.41
enwood ||||	do			.18																		*	.09		.02		.15					0.44
ath Springs	Wateree	.02		.15	1.07		.87							.20								2.15	1.46			.23							6.15
rshaw ||||	Lynches				.70	.22		.18	.04						.59		.03						2.03	.19			.27						4.25
ndrum	Broad						.19						.49										.83	.22	.12								1.85
reus ||||	Saluda		.09		T	T.																	.53		T.	T.	.33						0.95
erty	Savannah			.04				.35	T.			.04	.03								.02	.04	.01	.02									0.55
le Mountain	Saluda																					.86	1.68										2.48
lberry	Saluda		.05		T.									T.								.04	1.18			T.							1.27
zer ||||	do			T.					T.												1.24	.14	T.			.04						1.42
nda	do		.06			.31																.64	.86										1.81
nnck	Broad			.07																		.78	.17										1.02
rtanburg ||||	do			T.				.43	T.	T.			.61								.25	.36	.06				T.					1.11
nton	Edisto	.08	T.	T.																		T.	1.39										1.47
lhalla	Savannah			.17																		.04	1.18			T.							1.87
ntsboro ||||	Broad					.03							.41	.06							.28	.26	.05	.07	.05	.89							2.06
throp College	Catawba																						1.56										

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |\|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
	72.2	101	34	1.12	4				e.
	69.6	93	31	9.86	13				ne.*
	72.1	98	40	3.34	5				se.
	72.9	98	49	7.84	16				ne.
	74.3	92	50	2.66					ne.
	72.5	93	40	6.41					ne.
	74.7	98	46	4.42	7	14	7	9	sw.
	75.0	100	52	6.51	12	12	10	8	ne
	76.9	106	35	1.29	4	17	8	5	ne.
	75.0	105	39	2.94	5	17	8	5	ne.
	73.3	100	42	2.91	4	17	7	6	ne.
	76.0	96	48	4.06	7	12	10	8	ne.
	72.8	102	34	2.55	6	17	8	5	ne.
	77.1	100	45	2.83	5	19	8	3	ne.
	73.1	98	46	4.66	6	15	8	7	ne.
	72.1	98	43	3.74	8	13	9	8	ne.
	72.7	100	41	3.62	5	17	7	6	ne.
	75.8	101	44	2.46	4	19	7	4	ne.
	76.2	98	49	1.91	4	16	8	6	ne.
	78.0	98	55	4.85	9	10	12	8	ne.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1907	76.0	99	45	5.91	9	13	11	6	w.
1908	72.4	94	40	2.86	4	15	9	6	ne.
1909	72.0	98	39	3.74	7	13	9	8	re.
1910	75.8	103	46	3.10	7	15	12	3	ne.
1911	78.9	100	50	3.33	8	13	13	4	sw.
1912	77.7	109	47	5.91	11	10	7	13	e.
1913	71.7	99	40	4.66	9	14	7	9	ne.
1914	71.3	101	43	3.63	7	14	9	7	ne.
1915	75.9	102	43	2.38	5	16	8	6	ne.
1916	72.2	99	35	2.56	7	17	8	5	ne.
1917	71.2	98	40	5.75	10	12	8	10	ne.
1918	69.8	96	36	3.87	7	18	5	7	ne.
1919	74.1	99	45	0.97	2	22	6	2	ne.
1920	75.5	100	46	5.42	7	16	8	6	ne.
1921	80.0	104	57	3.42	6	19	8	3	sw.
1922	75.2	100	47	1.15	3	18	8	4	ne
1923	75.5	99	50	2.67	6	16	9	5	ne.
Period	74.3	109	31	3.82	7	15	9	6	ne.

*Also e. and s.

Daily Temperatures for September, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum																																
	Minimum																																
Blackville	Maximum	78	80	82	93	97	98	95	90	91	93	92	90	90	85	83	77	76	78	89	83	85	80	90	84	87	83	80	82	86	85	86.1
	Minimum	68	69	69	69	70	70	75	71	74	64	65	65	62	58	60	55	58	64	65	65	68	65	65	65	66	65	64	61	61	65	65.4
Charleston	Maximum	81	82	85	86	90	95	93	90	85	85	84	84	86	81	80	78	77	79	83	85	85	86	85	84	83	83	83	79	83	85	84.3
	Minimum	71	73	76	74	76	75	76	71	72	70	74	73	74	68	68	62	68	67	70	71	75	71	76	75	72	72	71	69	66	67	71.4
Cheraw §§§	Maximum	89	90	88	93	94	97	98	94	91	96	95	95	95	87	89	84	84	86	89	92	91	78	90	89	91	89	88	84	85	82	89.8
	Minimum	67	67	70	69	71	73	68	72	66	62	65	65	66	64	58	54	52	51	55	67	68	68	68	69	66	64	65	64	61	61	64.5
Conway	Maximum	84	86	83	90	93	94	90	93	90	87	81	89	89	82	83	80	80	83	84	87	90	79	86	81	88	84	83	82	84	80	85.5
	Minimum	70	70	70	69	70	73	72	70	67	68	66	66	66	67	59	56	56	57	60	60	68	71	69	68	69	65	66	67	65	63	66.1
Darlington §§	Maximum																																
	Minimum																																
Ferguson §§	Maximum	84	85	90	90	93	94	93	93	91	87	87	88	88	81	83	80	72	83	81	82	89	86	83	87	85	85	82	80	84	83	85.6
	Minimum	69	69	70	69	72	69	71	73	68	65	66	64	64	63	61	58	55	59	62	60	65	69	68	66	67	67	65	64	62	60	65.3
Florence 1	Maximum	86	88	90	93	97	96	97	97	96	92	92	95	95	82	83	82	80	86	90	91	93	83	89	90	92	88	86	81	82	87	89.3
	Minimum	69	67	71	70	73	72	74	75	69	66	67	66	66	66	68	56	54	55	62	67	68	72	68	68	67	66	67	65	63	63	66.3
Garnett	Maximum	87	86	89	93	96	97	99	95	93	92	93	92	92	84	86	83	81	84	87	90	93	93	87	89	88	88	86	85	87	91	89.5
	Minimum	69	70	72	70	73	71	71	71	71	70	66	66	66	65	64	59	66	68	63	65	67	70	67	68	70	68	67	62	64	63	67.4
Georgetown	Maximum	85	87	90	90	92	95	92	95	90	88	84	90	89	85	82	79	80	82	85	87	91	79	82	85	86	84	85	84	86	87	86.6
	Minimum	68	61	61	67	72	73	75	69	66	68	67	64	65	66	59	56	58	60	60	65	66	70	68	67	67	65	65	65	63	61	65.2
Kingstree	Maximum	85	84	83	89	92	92	92	92	91	90	90	90	89	88	92	86	80	82	82	85	88	82	83	83	85	83	81	79	81	82	86.0
	Minimum	70	69	71	68	71	71	73	74	69	67	67	65	64	65	60	55	58	59	62	64	67	72	67	67	68	66	66	66	63	61	66.2
Meggett	Maximum																																
	Minimum																																
Orangeburg 1	Maximum	82	84	88	92	92	95	93	91	90	83	88	89	90	80	81	78	77	81	87	88	89	82	86	86	85	84	83	82	85	85	86.0
	Minimum	69	69	71	70	71	70	71	69	68	66	67	65	65	65	61	55	59	56	64	64	67	69	66	68	68	67	66	65	62	65	65.9
Paris Island §§§	Maximum	84	85	87	90	96	97	90	88	87	85	86	90	85	82	80	77	80	82	82	82	84	81	84	84	85	85	79	84	87	83	85.0
	Minimum	72	74	75	75	78	78	78	75	73	72	74	76	75	71	72	64	70	71	71	73	75	71	75	75	73	72	71	70	66	68	72.7
St. George	Maximum	88	87	88	92	95	97	97	95	91	91	86	91	91	84	85	83	81	85	85	87	89	80	87	89	90	88	85	82	86	88	88.1
	Minimum	69	70	72	70	72	72	71	72	68	68	67	65	65	64	62	57	59	62	61	63	65	69	68	68	70	68	66	66	64	62	66.5
Society Hill §§§	Maximum	88	94	93	91	95	95	96	92	90	90	93	93	82	80	80	78	85	92	90	93	80	87	87	93	85	84	81	84	85	82	87.9
	Minimum	66	69	69	71	72	69	69	66	65	65	64	64	65	58	55	52	51	52	66	67	68	66	67	66	64	65	65	62	62	56	69.9
Summerville	Maximum	81	85	83	91	93	96	98	95	89	88	89	90	81	84	82	78	84	85	88	92	89	85	83	86	86	83	78	85	86	86	86.7
	Minimum	68	71	72	69	73	71	71	71	68	68	68	67	61	64	58	60	63	62	63	64	64	71	68	68	68	68	67	67	63	61	66.6
Wedgefield	Maximum	87	90	88	92	92	94	94	90	88	89	88	89	90	80	77	78	78	83	85	87	88	80	84	89	88	86	85	82	83	82	86.2
	Minimum	73	75	72	70	70	72	71	72	68	68	68	66	67	65	63	56	56	58	66	66	68	69	68	69	69	66	65	65	64	64	67.0
Yemassee	Maximum	84	85	87	92	93	96	96	94	92	90	88	90	91	83	86	82	80	84	85	89	91	91	88	88	89	87	85	82	86	86	88.1
	Minimum	68	69	72	68	72	71	71	71	68	67	64	64	63	65	62	58	64	66	60	61	66	67	65	67	67	66	66	65	62	60	65.8
Western Portion.																																	
Aiken	Maximum	81	87	88	89	92	94	94	91	89	87	89	89	91	87	81	79	80	80	83	86	87	83	86	86	85	85	83	83	86	87	86.4
	Minimum	70	70	73	71	72	72	71	70	69	65	66	66	67	66	61	58	61	63	67	68	70	67	69	71	76	67	66	65	66	68	67.7
Anderson	Maximum	83	81	86	87	91	92	92	83	86	89	89	92	91	85	75	72	76	81	88	87	81	83	85	85	85	87	81	82	87	91	85.1
	Minimum	74	66	68	70	70	70	68	68	63	62	64	64	65	61	60	55	57	59	64	68	70	68	69	68	67	67	64	63	59	63	65.1
Calhoun Falls §§§	Maximum	84	84	88	90	93	95	95	87	90	90	93	93	94	85	79	79	79	82	88	89	86	85	85	86	88	87	82	83	87	89	87.2
	Minimum	64	66	66	66	67	67	67	66	61	65	63	63	64	60	59	54	55	57	60	66	67	66	67	67	66	65	63	61	61	62	63.4
Camden §§§	Maximum	88	88	89	92	92	94	95	93	92	92	91	90	93	83	79	81	80	85	88	89	88	88	89	90	92	89	86	88	86	88	88.6
	Minimum	66	70	70	72	72	74	71	72	71	70	70	70	67	63	59	55	55	55	60	64	68	68	68	69	69	70	68	59	62	61	65.9
Chester	Maximum	85	84	85	89	90	96	93	85	87	88	86	87	89	80	70	73	75	81	87	85	81	81	84	85	87	84	80	81	82	86	84.2
	Minimum	65	66	70	70	71	69	68	70	64	62	65	63	66	60	60	55	70	53	65	68	69	68	68	75	66	64	67	62	58	65	65.4
Clemson College	Maximum	82	81	84	90	90	90	91	90	85	90	90	88	88	85	84	74	79	83	88	87	88	83	85	87	88	87	87	86	88	89	86.2
	Minimum	68	67	68	66	67	66	66	64	58	60	58	63	58	55	60	55	60	57	63	63	66	68	70	65	64	63	64	58	55	57	62.4
Columbia	Maximum	83	84	88	89	92	94	92	90	88	88	86	88	91	80	77	76	76	79	85	87	86	77	86	86	87	84	82	82	86	85	85.1
	Minimum	69	70	72	72	73	71	73	72	68	66	68	67	68	65	62	57	59	59	68	70	71	68	68	70	69	69	67	65	61	66	67.5
Due West	Maximum	82	84	85	88	91	92	91	86	86	88	87	90	90	82	74	74	79	79	86	84	79	80	83	83	84	85	81	81	85	86	84.2
	Minimum	66	67	69	69	70	68	68	67	63	63	63	64	63	61	56	55	56	59	66	67	70	68	68	67	67	65	64	63	57	62	74.3
Greenville	Maximum	81	80	84	86	89	89	89	83	82	85	85	87	84	80	67	68	73	76	84	85	80	81	83	85	84	84	80	80	85	84	82.1
	Minimum	66	67	68	69	68	69	68	67	62	64	63	65	65	61	55	54	57	59	65	69	66	68	69	67	66	67	65	64	59	65	64.6
Greenwood	Maximum	80	81	81	83	85	89	90	89	83	84	84	83	85	88	80	73	74	76	78	84	83	84	81	79	82	84	84	80	80	84	82.4
	Minimum	65	67	69	69	71	70	68	68	65	61	62	64	66	60	60	55	55	58	60	67	69	68	67	67	67	65	63	62	58	61	64.2
Heath Springs	Maximum	84	81	82	87	88	90	88	88	85	83	83	86	96	77	73	74	74	78	84	86	80	76	81	83	83	82	79	80	83	83	82.6
	Minimum	65	65	69	71	71	70	67	66	65	63	63	63	67	61	57	53	54	51	65	68	68	66	67	63	62	64	63	61	60	62	63.7
Kershaw	Maximum	85	85	87	90	90	91	93	90	88	88	87	89	90	81	75	76	77	82	86	89	82	76	87	86	90	84	82	81	82	84	85.1
	Minimum	66	65	69	71	71	70	68	69	65	62	65	63	61	60	57	53	54	51	61	66	68	67	66	68	67	64	63	62	61	63	64.0
Landrum	Maximum	82	81	85	90	91	98	90	84	85	88	85	89	85	82	69	68	72	78	87	87	81	83	85	88	87	87	80	81	86	86	84.0
	Minimum	74	65	67	68	74	69	65	62	62	67	58	63	65	58	58	52	55	51	61	66	68	66	68	75	75	74	64	66	55	60	64.4
Laurens §§§	Maximum	81	82	85	86	89	90	90	84	83	84	85	88	86	80	70	...	74	80	85	85	85	82	80	82	85	84	...	80	83	77	83.0
	Minimum	64	66	69	68	68	67	67	66	61	58	59	63	62	60	60	54	...	54	64	66	67	69	69	65	64	65	64	...	54	65	63.5
Liberly	Maximum	81	81	87	89	91	90	90	86	80	86	85	81	88	88	82	81	79	88	88	86	81	89	85	88	84	85	84	84	86	86	85.3
	Minimum	65	67	69	67	68	67	67	66	61	60	62	64	63	57	60	54	57	56	57	70	71	69	60	66	69	64	64	63	56	61	63.3
Little Mountain	Maximum	89	84	86	88	91	93	94	89	88	88	89	89	89	86	75	77	80	82	84	84	83	80	81	83	84	85	79	80	83	83	84.6
	Minimum	66	68	68	68	70	71	77	70	69	68	66	66	61	60	59	54	60	56	64	66	69	65	65	67	66	65	63	60	57	63	64.9
Newberry	Maximum	88	89	91	91	93	95	96	90	89	94	92	92	92	85	78	79	82	83	85	87	86	86	85	87	89	88	83	84	87	87	87.7
	Minimum	67	67	70	69	71	69	68	68	65	61	63	66	63	61	58	56	55	56	66	68	70	68	68	68	65	65	64	63	58	62	64.6
Sabula	Maximum	85	87	90	91	93	94	95	89	90	90	91	91	93	85	80	79	81	81	88	87	85	84	86	90	88	87	82	83	86	87	87.3
	Minimum	65	66	67	67	69	69	68	68	63	60	60	60	63	59	55	55	54	56	63	67	70	73	67	67	65	63	63	64	55	62	63.4
Saluda	Maximum	85	85	88	90	94	97	93	88	90	90	90	91	92	85	83	76	78	85	91	88	86	85	90	91	88	81	87	85	86	89	87.5
	Minimum	64	65	68	68	69	68	66	67	61	58	60	60	61	58	57	55	50	50	61	66	69	68	67	63	61	61	61	59	56	59	61.6
Saunuck	Maximum	85	85	89	91	93	94	92	84	86	85	85	88	88	84	72	72	78	80	80	88	83	82	85	87	90	88	81	82	87	88	85.4
	Minimum	64	64	68	68	68	68	67	67	62	65	61	61	63	57	62	53	55	54	61	67	69	68	68	66	65	64	63	61	57	60	63.2
Spartanburg	Maximum	83	84	89	90	90	91	91	90	90	91	90	88	86	76	78	79	80	81	83	84	87	81	82	85	88	86	84	80	84	84	85.2
	Minimum	67	67	69	70	70	70	68	68	68	70	70	68	66	60	60	65	65	61	67	67	67	67	68	67	66	65	62	65	59	59	65.4
Trenton	Maximum	81	82	85	89	92	93	92	85	85	88	89	94	93	86	74	73	76	78	80	87	86	85	86	89	88	84	81	85	89	89	85.7
	Minimum	63	63	66	65	64	69	63	62	54	54	56	58	58	50	58	53	56	59	63	61	67	65	65	62	62	61	62	58	52	55	59.9
Walhalla	Maximum	85	86	89	92	92	94	94	90	89	91	88	87	91	83	76	78	80	84	87	88	85	82	85	87	90	86	83	83	83	86	86.5
	Minimum	67	66	67	70	71	70	66	69	64	64	65	64	67	61	59	55	55	54	66	67	68	67	67	67	66	65	62	61	59	58	63.9
Winnsboro §§§	Maximum	86	80	85	90	93	94	92	86	87	88	86	88	89	81	89	76	79	81	87	85	83	82	83	80	90	80	83	83	84	86	85.6
	Minimum	64	63	66	67	70	70	67	69	64	61	60	69	63	57	59	53	55	52	69	72	69	62	61	67	61	62	62	60	56	62	63.1
Winthrop College	Maximum																																
	Minimum																																

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

51.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., OCTOBER, 1923. No. 10

GENERAL SUMMARY.

The month was marked by drought, with but two periods of copious rains, and hydro-electric power in the various up-State streams was materially reduced. Temperatures ranged somewhat below normal, on the whole.

The prolonged dry weather was generally favorable for harvesting late crops, which were housed in good condition. The peanut harvest ended during the last decade, and molasses making continued throughout the month. Cotton was practically all open early in the month, the boll weevil having taken the top crop; picking made rapid progress, and a comparatively small percentage remained to be picked in the Piedmont at the end of the month, unusually early compared with previous seasons; the crop exceeded expectations in some sections, but was poor in others. Hard soil materially retarded plowing, delaying winter grain sowing in consequence. Truck, gardens, and pastures suffered from lack of rain, and good vegetables were only fairly plentiful. No material damage resulted from frosts. Native apples became fairly abundant about the 10th. Vegetation was taking on autumnal appearance toward the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.11 inches. The highest pressure was 30.44 inches at Wilmington, N. C., on the 29th, and in the Section proper, 30.43 inches at Due West on the same date; the lowest pressure was 29.55 inches at Charlotte, N. C., on the 19th, and in the Section proper, 29.59 inches at Columbia on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 42 stations, was 62.9°, or 0.7° below the normal. The highest temperature was 90° at Garnett on the 1st. The warm periods were on the 2d and 3d, from the 12th to the 19th, inclusive, and on the 29th and 30th. The lowest temperature was 29° at Walhalla on the 25th. The cool periods were from the 6th to the 11th, inclusive, and from the 20th to the 27th, inclusive. Light frosts occurred in the Piedmont on the 3d, 9th, 10th, and 11th, and heavy to killing frosts were quite general in the interior on the 24th, 25th, and 26th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 56%; 8 p. m., 69%. The highest percentages occurred on the coastal plain, and the lowest, in the Piedmont.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 1.14 inches, or 1.89 inches below the normal. The rainfall was fairly well distributed as to amounts, but was confined principally to two short periods. The amounts were generally below normal and were greatest in the coastal counties, where the measurements were above 2 inches, while in extensive areas of the central and Piedmont counties there was less than 1 inch. The greatest local monthly amount was 2.96 inches at Yemassee; least local monthly amount, 0.12 inch at Calhoun Falls. The greatest 24-hour amount at any station was 1.90 inches at Georgetown on the 19th. The average number of rainy days was 33% below normal.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.2 miles. The highest average velocity was 11.0 miles per hour at Charleston; the lowest average was 4.2 miles per hour at Charlotte, N. C., and in the Section proper, 6.0 miles per hour at Columbia. The highest velocity for any 5-minute period was 29 miles per hour from the southeast at Asheville, N. C., and Savannah, Ga., on the 17th, and in the Section proper, 28 miles per hour from the northeast at Due West on the 22d and from the north at Charleston on the 23d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 232.6 hours, or 66% of the possible amount. The average number of clear days was 18; partly cloudy, 6, and cloudy, 7, as against normals of 18, 6, and 7 days, respectively.

RIVER CONDITIONS.

On account of persistent drought, the rivers of the Section were unusually low throughout the month, and hydro-electric power in the various up-State streams was materially curtailed. The Congaree River at Columbia was below zero of the gage throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Frosts—Light: Chester, 9, 10, 11, 24, 25; Greenville, 24, 25; Saluda, 3, 9, 10; Trenton, 24; Calhoun Falls, Camden, Kingstree, Liberty, Newberry, Orangeburg No. 1, Santuck and Spartanburg, 25; Cheraw, 25, 26. *Killing, or freezing temperatures:* Laurens, Saluda, and Walhalla, 25.

Halos—Lunar: Due West, 15; Greenville, 15; Liberty, 5, 15, 29, 30; Walhalla, 15. *Solar:* Columbia, 4, 6, 7, 16, 28, 29; Due West, 5, 6, 7, 15, 16, 29; Greenville, 5, 29; Liberty, 29.

Fog, Dense.—Cheraw, 14; Columbia, 14, 16; Due West, 19, 28; Kershaw, 16; Orangeburg No. 1, 13; Rimini, 28; Saluda, 3, 14, 28, 29; Trenton, 14; Winnsboro, 14.

MISCELLANEOUS DATA FOR OCTOBER, 1923.

Stations	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.16	54.2	80	31	0.87	0.49	7.0	se.	89	54	65	64
Augusta, Ga.	30.09	64.4	85	39	0.54	0.41	4.6	e.	85	59	71	77
Charleston, S. C.	30.08	66.4	81	44	2.69	1.75	11.0	ne.	81	62	78	60
Charlotte, N. C.	30.12	61.3	84	40	1.13	0.65	4.2	ne.	76	47	58	76
Columbia, S. C.	30.11	63.4	83	41	0.70	0.42	6.0	ne.	88	63	69	64
Due West, S. C.	30.12	62.2	83	36	0.44	0.38	7.6	ne.	81	51	...	63
Greenville, S. C.	30.10	63.4	82	35	0.51	0.30	7.0	ne.	73	53	59	65
Savannah, Ga.	30.13	67.2	88	42	0.48	0.31	10.6	ne.	83	59	75	59
Wilmington, N. C.	30.10	61.8	80	43	1.14	0.81	6.8	ne.	84	59	79	69
Means and ex-	30.11	62.5	88	31	0.98	1.75	7.2	ne.	82	56	69	66

JUN 22 1925
UNIVERSITY OF ILLINOIS

Climatological Data for October, 1923.

Stations	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	
Eastern Portion.																				
Allendale	Allendale	186	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John Black, Jr.
Blackville	Barnwell	296	39	62.6	−1.4	85	14	35	25	43	0.68	−2.17	0.48	0	3	19	3	9	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	66.4	−1.4	81	19	44	24	23	2.69	−1.24	1.75	0	7	10	7	14	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	63.4	+1.2	88	15	37	25	44	1.18	−1.63	0.55	0	4	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	63.2	−1.7	84	† 4	36	25	38	2.28	−0.94	1.61	0	4	15	5	11	ne.	Paul Quattlebaum.
Darlington	Darlington	175	28	°61.8	−1.9	°85	† 4	°37	25	°37	0.84	−2.27	0.28	0	4	23	6	2	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	0 87	−2.12	0.50	0	3	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	61.8	−2.6	83	4	34	†26	42	1.53	−1.34	0.46	0	5	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	64.7	+0.6	88	14	38	25	42	0.80	−2.26	0.31	0	3	10	18	3	ne.	H. K. Gilbert.
Florence 2	....do	136	8	.....	.....	.....	.....	.....	.....	.....	0.71	−2.35	0.29	0	3	19	4	8	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	b65.8	.....	b90	1	b34	25	b45	1.44	.....	0.70	0	6	12	11	8	.....	Maner B. Robert.
Georgetown	Georgetown	18	30	63.4	−2.9	85	4	36	24	40	2.40	−0.78	1.90	0	2	21	6	4	n.	A. P. Hazard.
Kingstree	Williamsburg	54	41	63.7	−0.8	85	6	35	25	39	0.60	−2.25	0.20	0	4	22	3	6	e.	Mrs. Ellen Scott.
Meggett	Charleston	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. L. Joyner.
Orangeburg 1	Orangeburg	264	7	63.6	.....	83	† 5	36	25	36	0.82	.....	0.31	0	6	14	1	16	e.	U.S. Fisheries Station.
Orangeburg 2	....do	264	3	.....	.....	.....	.....	.....	.....	.....	0.53	.....	0.20	0	6	20	6	5	se.	State A. and M. College.
Paris Island	Beaufort	13	42	67.4	−0.4	84	3	47	24	27	1.58	−1.67	0.81	0	9	8	7	16	e.	U.S. Naval Aerological Sta.
Pinopolis **	Berkeley	54	76	61.2	−3.2	80	† 1	38	25	.....	1.53	−2.51	0.60	0	6	15	10	6	ne.	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	1.75	.....	1.45	0	2	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	64.4	−0.8	86	2	35	25	39	2.38	+0.04	0.78	0	5	12	8	11	.....	R. L. Utsey.
Society Hill	Darlington	192	32	b61.4	−1.2	b87	3	b33	31	b45	1.45	−1.60	0.58	0	5	26	4	1	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	65.2	−0.5	87	1	37	25	38	1.19	−2.28	0.28	0	5	22	2	7	ne.	E. P. Lawton.
Wedgefield	Sumter	249	33	64.0	+0.3	85	† 2	42	24	37	0.20	−2.65	0.20	0	1	25	2	4	ne.	W Hampton Ramsey.
Yemassee	Hampton	24	34	64.8	−0.8	86	3	34	25	44	2.96	+0.12	1.75	0	8	14	0	17	ne.	W. C. Hutson.
Division means and	extremes	.....	.....	63.8	−1.0	90	1	33	31	45	1.38	−1.60	1.90	0	5	17	5	9	ne.	
Western Portion.																				
Aiken	Aiken	527	61	64.4	+0.6	85	1	39	25	39	0.46	−2.17	0.33	0	2	21	3	7	ne.	Frank B. McCoy.
Anderson	Anderson	764	30	63.2	−0.2	84	12	38	24	39	1.76	−1.02	0.84	0	4	18	3	10	e.	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	1.38	−1.18	0.66	6	3	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	62.4	.....	86	†12	36	24	48	0.12	−2.94	0.12	0	1	15	3	13	e.	L. M. Parker.
Camden	Kershaw	222	73	63.6	+1.0	87	1	36	25	40	0.62	−2.00	0.42	0	2	24	2	5	e.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	0.97	−2.84	0.57	0	3	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	0.70	−1.88	0.40	0	3	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	1	66.0	.....	84	12	36	25	44	1.40	.....	0.65	0	5	18	3	10	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	62.2	+0.6	84	12	35	25	45	0.53	−2.85	0.31	0	2	18	5	8	e.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	63.4	−0.6	83	2	41	25	34	0.70	−2.15	0.42	0	4	13	10	8	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	9	62.2	.....	83	12	36	24	35	0.44	.....	0.38	0	5	14	8	9	ne.	U. S. W. B. Acrological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	0.42	.....	0.42	0	1	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	1.79	−1.15	0.48	0	3	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	61.4	+1.1	82	12	35	25	35	0.51	−2.69	0.30	0	4	16	8	7	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	61.6	−0.6	84	1	38	24	33	0.85	−1.99	0.61	0	4	25	0	6	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	61.7	−0.7	80	2	40	24	39	0.96	−1.49	0.56	0	3	22	8	1	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	62.2	.....	84	15	37	25	41	1.01	.....	0.54	0	5	20	1	10	e.	John W. Hamel.
Landrum	Spartanburg	1063	8	60.8	.....	86	12	36	25	44	0.98	.....	0.43	0	4	18	7	6	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	59.2	.....	81	12	31	25	41	0.91	.....	0.67	0	2	14	17	0	.....	Perry A. Simpson.
Liberty	Pickens	900	23	61.8	−0.2	85	2	34	25	42	0.56	−3.29	0.40	0	4	18	8	5	e.	John T. Boggs.
Little Mountain	Newberry	711	30	62.2	−2.2	83	†13	39	24	32	1.45	−1.45	0.90	0	2	25	1	5	ne	J. M. Sease, M. D.
Newberry	Newberry	502	19	63.0	−0.6	89	19	35	25	45	1.74	−0.82	1.14	0	3	18	7	6	ne.	John H. Baxter.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	0.44	−3.06	0.36	0	4	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	60.7	−2.9	84	2	32	25	45	1.40	−1.63	0.75	0	3	15	12	4	n.	W. S. Crout.
Santuck	Union	512	30	61.0	−1.1	87	12	34	25	51	1.39	−1.85	0.88	0	3	18	8	5	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	60.4	−0.7	85	12	35	25	44	1.19	−1.62	0.60	0	5	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	30	d64.7	−2.4	d84	†12	d39	24	d36	0.91	−2.18	0.91	0	1	20	3	8	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	60.0	−0.8	87	12	29	25	50	0.82	−2.66	0.45	0	5	19	4	8	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	29	b62.1	−0.3	a84	† 2	b39	†24	b35	1.04	−1.05	0.60	0	4	22	4	5	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	62.4	0.0	86	12	38	25	42	1.30	−1.55	0.70	0	2	22	8	1	n.	W. T. Clawson.
Division means and	extremes	.....	.....	62.2	−0.4	89	19	29	25	51	0.96	−2.07	1.14	0	4	19	6	6	ne.	
Section means and	extremes	.....	.....	62.9	−0.7	90	1	29	25	51	1.14	−1.89	1.90	0	4	18	6	7	ne	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

SEPTEMBER, 1923.—Average wind velocity, Columbia, Miscellaneous Data, page 33, should be 5.5. Ferguson: Greatest precipitation in 24 hours, page 34, should be 0.85.

Daily Precipitation for October, 1923.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Allendale ‖	Savannah																																
Blackville ‖	Edisto			.48																				.10						.10			0.68
Charleston ***	Coast	.02	1.73			T.	.04								T.		.01		T.	.21			.01	T.						T.	.67	2.69
Cheraw ‖	Pee Dee			.14	.21															.28				T	.55							1.18
Conway ‖	Waccamaw																			1.61				.60	.04						.03	2.28
Darlington ‖	Pee Dee						.09													.22				.28	.25						T.	0.84
Effingham ‖	Lynches						T.													.18				.50	.19							0.87
Ferguson ‖	Santee		.15	.26																.23					.43						.46	1.53
Florence 1 ‖	Pee Dee																			.21				.28	.31							0.80
Florence 2 ‖	do																			.23				.29	.19						T.	0.71
Garnett	Savannah						.50								T.		.08		T.	.11				.01							.04	.70	1.44
Georgetown	Coast						T.													1.90		T.	.50									2.40
Kingstree ‖	Black		T.	T.																.20				.20	.10						.10	0.60
Legget	Coast																																
Orangeburg 1	Edisto		.31	.09					.02									T.		.18				T.	.10					T.	.12	0.82
Orangeburg 2	do	.05	.02																.20					.16						.08	.02	0.53
Paris Island	Coast	.03	.81				.20							.05			.06	.02	.16					.16						.04	.05	1.58
Pinopolis	Cooper		.60																.10	.30										.23	.10	.20	1.53
Rimini ‖	Santee																				1.45			.30									1.75
St. George	Edisto		.70	.75																.10					.05							.78	2.38
Society Hill ‖	Pee Dee																		.37				.13	.35						.58	.02	1.45
Summerville	Ashley			.40			.12													.27				.12								.28	1.19
Wedgefield	Wateree																							.20									0.20
Tenassee ‖	Ashepoo		1.75	.68			.06								.06				.30	.28	.05											.38	2.96
Western Portion.																																	
Aiken	Edisto																				.33			.13									0.46
Anderson	Savannah					T.													.27	.84				.05							.60		1.76
Blairs ‖	Broad																			.66				.37	.35								1.38
Calhoun Falls ‖	Savannah						T.											T.		.12	T.				T.								0.12
Camden ‖	Wateree																			.42					.20								0.62
Catawba ‖	Catawba																			.57				.05	.35								0.97
Chappells ‖	Saluda																			.40				.05	.25								0.70
Chester	Broad			.12		.05													.04	.50				.65	.04								1.40
Clemson College	Savannah																			.22													0.53
Columbia ***	Congaree					.01													.36	.06			T.	.27								T	0.70
Due West***	Savannah					.02													.35	.03				.01							.03	T.	0.44
Edgefield ‖	Savannah																			.42													0.42
Easton Shoals ‖	Broad																			.48				.19	.81							.31	1.79
Greenville ***	Saluda		T.																.27	.05				.08						T.	.11	T.	0.51
Greenwood ‖	do																			.61	.04			.12	.68								0.85
Heath Springs	Wateree			.17															.56					.23									0.96
Hershaw ‖	Lynches			.21			.03													.54					.21							.02	1.61
Audrum	Broad																		.17	.32				.43	.06								0.98
Laurens ‖	Saluda																		.67						.24								0.91
Liberty	Savannah					.02													.40	.10											.04		0.56
Little Mountain	Saluda																			.55				.90									1.45
Newberry	Saluda					T.													.05	.55				1.14								.02	1.74
Olanta	do					T.	T.												T.	.36	.02				.04							.02	0.44
Pinnacle	do																		.09	.75				.56									1.40
Pinnacle	Broad			T		T.													T.	.51				.80	.08						T		1.39
Spartanburg ‖	do																			.34	.05			.13	.60							.07	1.19
Trenton	Edisto					T.													.01															0.91
Walhalla	Savannah					T																											
Winnsboro ‖	Broad						.02										.02		.45	.20				.01							.14		0.82
Winthrop College	Catawba																			.60				.16	.26								1.04
																				.60				.70									1.30

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1907	61.2	91	28	0.73	3	19	7	5	ne.
1908	62.0	89	35	4.22	6	19	6	6	ne.
1909	61.2	96	27	2.43	5	23	5	3	ne.
1910	66.5	100	22	4.39	6	20	7	4	re.
1911	67.5	99	37	5.89	8	12	9	10	ne.
1912	65.0	94	32	2.21	5	18	4	9	ne.
1913	62.5	95	28	3.56	6	19	6	6	ne.
1914	64.7	92	26	3.44	8	13	7	11	ne.
1915	67.0	93	27	4.95	8	18	7	6	ne.
1916	64.0	92	31	2.54	5	16	7	8	ne.
1917	59.3	90	22	1.50	4	23	5	3	sw.
1918	67.3	93	33	3.75	5	15	8	8	ne.
1919	73.7	101	44	2.53	5	13	10	8	sw.
1920	64.1	92	25	0.76	2	24	4	3	ne.
1921	62.6	90	27	1.79	4	21	4	6	ne.
1922	64.5	94	31	5.57	8	18	5	8	e.
1923	62.9	90	29	1.14	4	18	6	7	ne.
Period	63.6	101	22	3.03	6	18	6	7	ne.

Daily Temperatures for October, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Allendale §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blackville	Maximum	83	78	83	80	75	70	69	69	70	73	78	83	83	85	75	80	73	70	78	78	73	70	55	55	65	70	76	77	75	73	76	74.1
	Minimum	63	64	61	55	61	60	51	50	44	42	40	47	50	50	49	58	58	60	65	53	50	50	44	42	35	42	40	46	48	49	58	51.1
Charleston	Maximum	78	78	81	80	76	67	68	69	70	70	74	75	77	76	77	76	76	75	81	76	70	60	52	60	70	73	70	70	75	73	77	72.6
	Minimum	71	68	68	66	67	61	61	59	57	53	53	58	64	64	65	70	68	67	71	61	58	52	46	44	50	53	53	57	61	63	54	60.1
Cheraw §§	Maximum	84	84	81	83	71	74	71	79	80	81	84	85	84	85	88	87	82	80	85	79	73	65	55	60	74	78	75	79	81	80	58	77.6
	Minimum	55	55	60	53	62	57	47	46	40	41	40	44	46	53	52	52	59	50	65	55	49	47	44	43	37	38	43	42	45	51	55	49.2
Conway	Maximum	82	80	83	84	72	67	69	72	72	74	79	80	80	81	83	80	80	77	84	77	67	61	53	60	71	75	73	78	78	80	72	75.0
	Minimum	55	59	60	59	63	59	53	49	43	42	42	47	50	52	52	56	60	53	66	60	57	51	47	40	36	41	42	42	48	53	53	51.3
Darlington §§	Maximum	83	82	78	85	68	67	70	71	72	73	....	85	80	....	....	84	79	81	83	75	69	61	50	62	74	76	71	78	79	81	64	°74.3
	Minimum	58	51	60	52	56	55	49	48	41	40	41	....	47	53	....	....	57	55	51	55	56	47	44	43	37	41	43	43	45	52	60	°49.3
Ferguson §§	Maximum	82	82	80	83	78	70	65	72	71	71	76	79	80	81	80	79	77	81	83	76	74	60	54	68	73	76	72	75	79	73	73	74.9
	Minimum	60	62	58	52	63	58	48	49	39	38	40	44	47	50	52	51	54	55	59	56	50	48	54	37	42	34	34	39	43	52	39	48.6
Florence 1	Maximum	83	86	83	88	74	73	71	73	74	78	84	86	87	88	87	86	82	81	83	56	57	52	48	45	44	38	44	44	45	49	51	62	78.0
	Minimum	62	59	62	53	59	57	50	48	43	45	44	48	52	54	56	57	58	53	56	57	52	48	45	44	38	44	44	45	49	51	62	b53.5
Garnett	Maximum	90	....	....	89	76	70	69	74	75	76	79	82	81	85	83	81	83	79	84	80	76	66	59	65	74	79	81	81	82	84	78	b78.0
	Minimum	63	....	....	58	65	62	56	62	48	47	41	47	53	60	58	65	64	65	65	52	56	49	46	38	34	38	41	46	52	58	62	b53.5
Georgetown	Maximum	82	82	84	85	75	69	68	72	73	77	79	79	80	81	80	82	75	75	83	79	63	54	51	73	76	71	71	73	79	81	79	75.2
	Minimum	60	63	61	54	66	58	54	49	51	43	41	46	51	55	55	60	64	55	60	60	52	45	39	36	40	41	41	43	49	58	53	51.5
Kingstree	Maximum	79	79	79	81	74	85	83	75	70	73	77	80	79	79	80	80	79	77	83	75	72	67	63	61	72	74	72	76	77	81	71	75.9
	Minimum	58	63	61	52	64	58	54	49	43	42	41	46	50	52	51	61	60	55	66	59	53	51	45	43	35	40	42	43	47	56	56	51.5
Meggett	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Orangeburg 1	Maximum	82	82	80	83	69	69	69	71	72	72	78	82	80	81	82	82	78	75	83	74	70	64	47	62	72	76	77	77	81	81	73	75.0
	Minimum	62	63	60	54	60	59	52	50	53	53	42	46	49	52	54	57	63	57	58	57	53	49	45	43	36	41	42	45	47	52	60	52.1
Paris Island §§	Maximum	82	81	84	81	77	68	67	70	73	70	75	74	77	78	81	77	75	79	77	79	74	63	52	63	72	75	72	72	78	80	78	74.3
	Minimum	72	73	71	69	68	61	60	60	56	55	53	60	63	66	66	70	68	70	67	58	59	53	48	47	47	52	53	57	60	65	51	60.6
St. George	Maximum	84	86	83	85	71	70	72	72	74	76	80	82	84	85	85	82	82	77	84	78	73	62	48	60	74	79	79	79	83	82	71	76.8
	Minimum	64	64	61	56	56	60	55	52	44	44	41	45	48	55	58	60	64	61	61	57	54	49	46	41	35	39	40	44	48	52	60	52.1
Society Hill §§	Maximum	84	78	87	73	70	71	72	72	73	83	85	82	84	....	86	80	78	85	76	68	61	....	62	76	78	73	82	82	83	64	58	b76.1
	Minimum	56	57	52	55	51	48	46	40	40	39	40	45	46	51	....	52	51	51	56	50	48	44	....	39	39	39	42	44	44	54	....	°47.1
Summerville	Maximum	87	85	84	84	74	67	66	72	73	73	78	81	82	82	81	82	82	79	83	78	72	63	55	62	73	76	78	78	81	82	78	76.5
	Minimum	63	65	61	57	56	60	56	54	45	44	43	50	57	57	59	59	63	61	68	58	53	50	45	39	37	43	44	47	52	58	63	53.8
Wedgefield	Maximum	82	85	81	82	69	70	70	72	70	74	80	82	85	76	83	83	78	75	83	78	70	64	58	62	73	78	70	79	80	74	72	75.4
	Minimum	63	62	62	55	64	55	50	49	44	43	46	53	52	54	58	58	59	55	63	57	51	50	45	42	43	44	45	46	51	58	53	52.6
Yemassee	Maximum	85	84	86	85	75	68	67	72	74	73	78	79	80	83	83	83	80	81	77	83	77	74	64	57	64	74	78	78	79	79	81	78	76.6
	Minimum	62	64	62	56	64	61	56	55	45	43	41	46	53	59	57	62	64	62	66	53	54	47	45	36	34	40	41	45	52	58	61	53.0
Western Portion.																																	
Aiken	Maximum	85	84	83	81	78	71	69	70	71	71	77	78	82	82	81	80	76	73	75	77	70	65	62	65	65	78	77	78	76	74	77	75.2
	Minimum	65	65	63	58	56	61	55	51	47	49	49	48	52	57	59	63	63	60	65	65	58	46	44	42	29	42	45	52	52	59	40	53.7
Anderson	Maximum	81	83	81	82	71	69	67	70	71	72	80	84	82	80	81	76	74	68	70	68	65	62	57	66	74	78	73	74	75	73	68	73.4
	Minimum	62	62	62	56	60	58	53	51	48	49	46	50	52	57	62	58	60	57	58	55	46	47	44	38	39	45	50	48	63	56	50	53.0
Calhoun Falls §§	Maximum	83	84	81	83	73	71	69	72	73	73	80	86	86	82	82	77	73	66	75	71	68	65	60	64	73	76	89	75	77	80	72	75.5
	Minimum	64	59	57	54	55	55	49	48	43	44	39	41	48	53	55	57	58	59	58	51	43	44	44	36	37	38	41	46	48	47	55	49.2
Camden §§	Maximum	87	86	83	83	72	70	70	72	70	70	81	86	82	85	87	83	80	83	80	83	70	67	50	62	74	78	74	77	78	70	78	76.5
	Minimum	62	60	59	58	58	56	49	50	46	48	48	46	47	56	57	58	60	58	58	55	53	47	45	42	36	40	42	44	44	45	46	50.7
Chester	Maximum	76	81	78	81	70	68	68	66	70	71	80	84	81	80	80	79	73	70	78	70	66	62	55	59	71	76	69	74	75	77	67	72.7
	Minimum	59	59	60	52	59	48	53	49	40	44	40	46	49	52	52	55	54	55	61	56	48	45	42	39	36	39	45	45	48	55	55	49.7
Clemson College	Maximum	83	80	83	83	78	77	74	72	75	75	81	84	81	82	80	77	77	81	72	73	70	67	62	65	74	76	71	71	74	73	70	75.5
	Minimum	58	55	57	52	57	58	53	49	43	40	39	43	45	48	55	58	66	55	55	52	46	42	41	36	35	37	43	41	46	62	54	48.9
Columbia	Maximum	79	83	79	81	69	68	67	69	70	70	79	82	78	80	83	81	76	72	80	72	67	65	52	62	71	77	73	76	76	77	67	73.5
	Minimum	63	63	63	56	61	56	52	50	47	44	45	52	53	55	58	60	60	56	63	60	51	50	44	44	41	46	49	50	54	57	50	53.2
Due West	Maximum	79	82	79	80	71	67	67	70	71	72	80	83	80	80	79	78	74	66	74	69	66	63	53	63	73	78	71	73	74	75	67	72.7
	Minimum	62	61	62	57	59	55	51	50	45	48	48	48	52	55	58	57	60	59	58	52	46	46	42	36	38	47	48	51	50	56	47	51.7
Greenville	Maximum	79	80	78	77	72	63	65	68	70	70	80	82	81	78	78	75	71	61	69	68	63	62	51	60	70	75	67	70	73	70	64	70.6
	Minimum	59	59	60	58	61	56	53	50	46	49	47	52	54	54	57	57	59	55	56	54	48	47	41	38	35	52	50	49	54	57	48	52.1
Greenwood	Maximum	84	77	79	77	77	70	66	66	69	69	70	76	81	79	79	79	77	74	67	73	68	66	63	50	62	71	75	71	75	72	71	72.0
	Minimum	61	60	61	56	58	56	49	48	52	43	45	50	51	54	56	57	59	59	58	55	45	45	42	38	39	41	45	46	50	50	58	51.1
Heath Springs	Maximum	79	80	77	79	74	67	65	67	68	68	79	78	77	79	79	77	78	71	78	75	72	70	67	65	68	75	72	74	74	74	73	73.5
	Minimum	57	58	58	56	58	54	47	46	41	40	47	48	48	47	55	56	58	51	67	55	47	45	42	40	41	47	47	48	49	48	46	49.9
Kershaw	Maximum	79	83	79	81	70	70	69	70	71	72	79	84	82	82	84	81	77	74	82	73	68	65	58	60	72	75	71	76	78	79	66	74.5
	Minimum	57	58	58	54	58	55	49	46	42	43	43	46	50	52	53	55	58	51	64	56	47	46	43	40	37	44	46	45	48	53	52	50.0
Landrum	Maximum	82	80	80	78	74	63	65	69	72	72	81	86	82	81	81	78	73	65	71	69	63	63	61	58	68	77	69	72	74	72	65	72.4
	Minimum	50	51	59	58	59	56	50	46	40	41	42	46	51	45	65	65	58	52	54	51	48	45	39	38	36	48	40	38	44	51	53	49.1
Laurens §§	Maximum	77	79	77	80	71	61	61	69	69	70	78	81	78	79	79	78	75	67	74	59	65	63	48	62	71	74	69	72	74	75	56	70.7
	Minimum	60	56	60	51	58	55	49	49	38	43	37	44	44	45	48	51	59	57	57	56	45	46	43	36	31	35	38	42	43	45	53	47.6
Liberty	Maximum	83	85	79	78	78	67	66	70	76	79	79	82	81	79	79	76	72	69	70	71	65	63	59	61	71	76	76	71	73	71	68	72.9
	Minimum	60	57	59	54	59	57	56	50	41	43	41	45	47	49	55	59	60	56	55	53	45	43	43	35	34	39	66	45	47	59	54	50.5
Little Mountain	Maximum	80	79	77	81	73	70	67	69	65	63	70	80	83	83	83	82	80	79	78	71	66	63	59	60	70	71	73	74	73	74	75	73.3
	Minimum	59	60	59	56	55	56	47	46	41	41	50	59	55	58	55	55	58	58	62	54	46	43	40	39	40	45	47	47	49	56	52	51.1
Newberry	Maximum	80	82	82	82	73	73	70	73	74	74	80	85	83	82	84	81	78	71	89	73	69	66	55	63	72	77	73	76	75	79	69	75.6
	Minimum	61	59	61	53	59	56	48	47	41	43	48	47	47	57	53	57	60	58	62	55	47	45	43	40	35	41	46	45	48	54	54	50.5
Saluda	Maximum	82	84	80	82	72	71	71	71	72	72	80	82	80	80	81	80	76	72	78	72	67	65	59	62	62	64	72	75	74	76	72	73.7
	Minimum	60	57	57	50	61	59	47	46	39	35	35	41	42	48	50	50	59	58	63	51	48	44	44	38	32	36	39	42	45	50	59	47.7
Santuck	Maximum	80	84	81	84	73	70	69	72	73	73	83	87	84	83	84	80	78	72	79	72	68	64	59	61	70	77	74	75	76	78	68	75.2
	Minimum	57	55	60	50	59	54	45	45	35	35	36	41	43	46	48	48	59	56	60	56	45	40	43	38	34	35	39	40	44	50	55	46.8
Spartanburg	Maximum	82	80	80	81	75	66	69	71	70	74	81	85	82	81	83	72	76	65	74	70	66	64	56	58	70	75	68	72	76	52	56	72.0
	Minimum	56	56	56	54	60	55	51	48	44	44	41	45	47	49	51	53	53	55	56	54	45	44	42	57	35	40	45	46	46	52	56	48.9
Treuton	Maximum	82	82	78	81	71	70	69	71	72	73	80	84	81	83	84	79	74	75	77	77	76	70	68	66	70	75	77	....	....	....	....	d75.7
	Minimum	62	63	61	60	57	57	51	49	44	45	48	52	53	56	57	57	59	56	59	58	56	54	52	39	46	51	49	....	....	....	....	d53.7
Walhalla	Maximum	83	85	83	81	73	70	68	71	75	74	84	87	89	82	82	72	70	65	72	73	67	66	59	66	76	78	73	73	76	72	73	74.5
	Minimum	52	54	52	48	49	53	50	46	38	37	37	40	43	49	53	57	58	53	53	48	41	42	35	33	29	36	36	40	42	50	53	45.4
Winnsboro §§	Maximum	78	84	....	....	81	71	71	69	71	72	73	80	84	82	82	82	79	73	81	72	69	65	46	62	72	77	72	76	76	77	67	e74.2
	Minimum	59	59	....	....	....	56	56	48	47	42	45	46	49	52	54	54	56	57	55	55	57	47	45	43	39	39	42	44	48	48	51	56	b50.6
Winthrop College	Maximum	80	82	83	80	83	70	82	72	79	74	75	86	89	83	84	80	79	72	80	71	68	63	55	59	72	74	76	75	77	77	75	75.1
	Minimum	55	57	56	54	55	52	55	55	43	41	45	44	45	48	52	52	58	52	59	54	53	44	42	39	38	40	43	45	50	52	52	49.4

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.
§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., NOVEMBER, 1923. No. 11.

GENERAL SUMMARY.

The month was far down in the group of cool Novembers. While precipitation averaged above normal, on the whole, there was marked drought between the first and last weeks.

Prolonged drought during the month materially retarded winter cereal plowing and planting, but conditions improved generally with the rains of the last week, and wheat, oats, and rye were coming to good stands, and late gardens and winter truck were progressing favorably. Continued low water in the various streams resulted in curtailment of hydro-electric power, except between the 5th and 9th. Cotton picking was practically finished during the first decade. The woods were generally bare by the 12th.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.11 inches. The highest pressure was 30.57 inches at Asheville, N. C., on the 2d, and in the Section proper, 30 52 inches at Columbia on the 10th and Due West on the 2d; the lowest pressnre was 29.75 inches at Asheville, N. C., on the 26th, and in the Section proper, 29.78 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 51.1°, or 2.7° below the normal. The highest temperature was 82° at Florence No. 1 on the 5th. The warmest periods were on the 5th and 6th, from the 19th to 23d, inclusive, and on the 30th. The lowest temperature was 21° at Santuck on the 10th. The coolest periods were from the 1st to 3d, inclusive, and from the 7th to 18th, inclusive. The first general autumn killing frosts, or freezing temperatures, occurred on the 8th, 9th, and 10th, extending nearly to the southern coast.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 58%; 8 p. m., 67%. The highest percentages occurred over the central and eastern counties, and the lowest, in the Piedmont.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 2.79 inches, or 0.52 inch above the normal. In amount the rainfall was badly distributed and occurred generally during two periods. The amounts were generally below normal in extensive areas of the central and southern counties, with 2 inches or less; in the Piedmont and in the northern coast counties the measurements ranged from 3 to over 5 inches. The greatest local monthly amount was 5.70 inches at Liberty; least local monthly amount, 0.96 inch at Orangeburg No. 1. The greatest amount during any 24 hours was 2.62 inches at Gaston Shoals and Greenville on the 3d and 4th. The rainy days were 20% below the average. There was no snowfall.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 8.0 miles. The highest average velocity was 12.0 miles per hour at Savannah, Ga., and in the Section proper, 10.7 miles per hour at Charleston; the lowest average was 4.6 miles per hour at Charlotte, N. C., and in the Section proper, 6.4 miles per hour at Columbia. The highest velocity for any 5-minute period was 32 miles per hour from the north at Charleston on the 13th and at Greenville on the 8th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 189.0 hours, or 61% of the possible amount. The average number of clear days was 16; partly cloudy, 5, and cloudy, 9, as against normals of 17, 6, and 7 days, respectively.

RIVER CONDITIONS.

The rivers of the Section were uniformly low throughout the month, except fair rises in the up-State streams between the 5th and 9th.

MISCELLANEOUS PHENOMENA (dates).

Frosts, killing, additional number of stations reporting.—1st, 1; 8th, 3; 9th, 25; 10th, 7.

Halos—Lunar: Charleston, 16, 21, 22; Columbia, 16, 21, 22, 25; Due West, Greenville, Liberty, and Walhalla, 21; Paris Island, 21, 22. *Solar:* Charleston, 6; Columbia, 1, 2, 15, 22; Due West, 1, 2, 21, 22.

OBITUARY.

Dr. J. M. Sease, Cooperative Observer at Little Mountain since October, 1893, died on November 21, 1923, and with his passing the service in South Carolina loses one of its oldest and most reliable observers. Doctor Sease was a well-known medical practitioner in this State and a genial and courtly gentleman. He has been succeeded by his daughter, Miss Elberta Sease.

ERRATA.

OCTOBER, 1923.—Monthly mean temperature, Society Hill, page 38, should be °61.6.

Florence No. 1.—Rainfall departure, March, 1923, page 10, should be +0.95; April, 1923, page 14, +0.05; September, 1923, page 34, −2.87.

MISCELLANEOUS DATA FOR NOVEMBER, 1923.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Means.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.15	52.4	64	24	1.83	0.67	8.7	nw.	79	52	60	61
Augusta, Ga.	30.12	52.3	71	30	1.98	1.26	5.1	nw.	88	63	72	65
Charleston, S. C.	30.09	55.0	77	36	1.79	1.24	10.7	ne.	77	57	72	59
Charlotte, N. C.	30.10	49.0	70	30	3.09	1.82	4.6	ne.	76	54	61	58
Columbia, S. C.	30.12	50.6	80	28	1.34	0.58	6.4	ne.	87	68	69	57
Due West, S. C.	30.13	49.5	70	28	3.46	1.82	8.8	ne.	84	52	...	66
Greenville, S. C.	30.09	49.6	69	29	4.39	2.62	8.2	ne.	78	56	63	63
Savannah, Ga.	30.10	55.9	74	33	0.77	0.56	12.0	ne.	80	59	66	55
Wilmington, N. C.	30.09	53.3	77	30	1.74	0.76	7.4	sw.	84	58	75	67
Means and extremes	30.11	51.2	77	24	2.27	2.62	8.0	ne.	81	58	67	61

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Climatological Data for November, 1923.

Stations	Counties	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	
Eastern Portion.																				
Blackville	Barnwell	296	39	51.4	−4.2	69	1	26	10	39	1.60	−0.40	0.55	0	5	18	3	9	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	55.0	−3.1	77	5	36	10	26	1.79	−1.08	1.24	0	6	12	6	12	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	[a]50.0	−2.2	[a]71	11	24	10	[a]47	2.47	+0.36	0.95	0	6	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	53.0	−1.2	79	5	27	10	43	2.35	+0.14	1.25	0	8	15	3	12	ne	Paul Quattlebaum.
Darlington	Darlington	175	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	1.24	−0.86	0.36	0	7	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	51.8	−3.3	75	5	25	11	45	2.01	−0.16	0.90	0	7	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	53.0	−0.9	82	5	27	10	51	1.13	−0.96	0.34	0	7	15	7	8	ne.	H. K. Gilbert.
Florence 2	do	136	8	.....	.....	.....	.....	.....	.....	.....	1.23	−0.86	0.28	0	7	14	6	10	n.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	[f]54.5	.....	[a]76	4	[f]27	10	[f]45	2.14	.....	0.79	0	6	17	3	10	.....	Muner B. Robert.
Georgetown	Georgetown	18	30	52.4	−3.7	80	5	25	10	46	3.25	+0.90	0.95	0	5	20	4	6	n.	A. P. Hazard.
Kingstree	Williamsburg	54	41	53.6	−1.1	77	5	25	10	47	2.11	+0.06	1.50	0	4	19	1	10	ne.	Mrs. Ellen Scott.
Orangeburg 1	Orangeburg	264	7	51.2	.....	72	11	26	10	46	0.96	.....	0.34	0	6	17	3	10	w.	U. S. Fisheries Station
Orangeburg 2	do	264	3	.....	.....	.....	.....	.....	.....	.....	1.03	.....	0.40	0	4	14	7	9	ne.	State A. and M. College.
Paris Island	Beaufort	13	42	55.8	−2.9	71	†22	36	10	29	1.43	−0.88	0.53	0	6	5	9	16	ne.	U. S. Naval Aerological Sta.
Pinopolis**	Berkeley	54	76	50.4	−4.0	75	4	31	10	.....	2.13	−0.31	0.70	0	6	15	0	15	ne.	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	1.10	.....	0.40	0	3	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	53.1	−2.5	72	† 6	28	10	43	1.80	- 0.08	0.70	0	6	15	5	10	.....	R. L. Utsey.
Society Hill	Darlington	192	32	51.1	−1.1	78	4	23	9	50	1.91	−0.26	0.85	0	6	23	1	6	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	53.2	−2.4	75	5	27	10	44	3.63	+1.35	1.41	0	7	19	2	9	w.	E. P. Lawton.
Wedgefield	Sumter	249	33	53.0	−0.9	76	11	27	10	44	1.10	−1.12	0.40	0	3	22	5	3	w.	W Hampton Ramsey.
Yemassee	Hampton	24	34	53.4	−2.1	74	†12	25	10	46	2.54	+0.48	1.69	0	5	18	2	10	ne.	W. C. Hutson.
Division means and	extremes	.....	....	52.7	−2.0	82	5	23	9	51	1.95	−0.21	1.69	0	6	17	4	9	ne.	
Western Portion.																				
Aiken	Aiken	527	61	52.4	−1.7	69	†12	29	10	39	1.51	−1.06	0.71	0	5	16	0	14	uw	Frank B. McCoy.
Anderson	Anderson	764	30	50.7	−2.1	71	†11	30	† 9	41	4.01	+1 31	1.76	0	7	19	0	11	w.	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	3.32	+1.06	1.84	0	6	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	48.5	.....	71	12	23	10	45	3.41	+1.00	1.27	0	7	10	11	9	n.	L. M. Parker.
Camden	Kershaw	222	73	51.1	−0.9	73	11	26	10	45	1.70	−0.65	0.62	0	7	14	0	16	ne.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	2.68	+0.28	1.40	0	4	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	3.30	+1.09	1.70	0	7	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	1	49.5	.....	70	11	24	10	46	2.64	.....	1.38	0	7	14	3	13	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	50.0	−0.7	72	12	24	† 9	46	3.66	+0.92	1.70	0	6	18	5	7	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	51.9	−1.9	70	11	28	10	35	1.34	−0.89	0.58	0	7	12	6	12	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	9	49.5	.....	70	22	28	10	38	3.46	.....	1.82	0	8	13	8	9	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	2.67	.....	1.50	0	6	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	4.88	+2.20	2.62	0	7	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	39	49.6	−0.4	69	22	29	18	35	4.39	+1.29	2.62	0	7	16	7	7	n.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	49.2	−2.8	68	†12	29	10	37	2.85	−0.25	0.91	0	6	16	0	14	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	50.6	−1.3	69	11	29	9	39	2.65	−0.04	1.27	0	5	15	5	10	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	50.8	.....	72	11	26	10	46	2.43	.....	1.04	0	5	16	1	13	e.	John W. Hamel.
Landrum	Spartanburg	1063	8	49.4	.....	72	11	25	10	47	4 54	.....	2.09	0	6	18	4	8	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	47.4	.....	70	†11	22	10	47	3.76	.....	2.00	0	4	9	19	2	.....	Perry A. Simpson.
Liberty	Pickens	900	23	49.2	−1.7	70	11	26	† 9	44	5.70	+2.87	1.85	0	7	18	7	5	sw.	John T. Boggs.
Little Mountain	Newberry	711	30	[b]49.5	−4.4	[b]68	11	[b]28	† 9	[b]40	2.62	+0.26	1.18	0	4	.....	.....	.....	.....	J. M. Sease, M.D.
Newberry	Newberry	502	19	50.4	−1.9	72	†11	25	10	47	3.64	+1.08	1.85	0	6	18	3	9	ne.	John H. Baxter.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	4.62	+2.05	1.38	0	5	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	49.7	−3.0	76	12	23	10	48	3.21	+0.85	1.47	0	7	16	7	7	sw.	W. S. Crout.
Santuck	Union	512	30	48.5	−2.7	72	11	21	10	51	4.18	+1.44	2.61	0	7	14	9	7	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	46	48.4	−2.3	70	11	25	10	45	4.83	+2.00	2.37	0	6	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	30	[c]52.4	−2.6	[c]78	4	[c]32	† 9	[c]34	2.08	−0.30	1.10	0	4	17	6	7	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	[a]48.6	−2.2	74	12	[c]22	18	[a]48	4.54	+1.66	2.17	0	7	17	8	5	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	29	[c]50.3	−2.6	[c]71	11	[c]27	10	[c]37	3.28	+1.19	1.83	0	7	15	2	13	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	49.2	−2.5	72	11	26	10	46	3.23	+1.04	1.20	0	5	14	12	4	n.	W. T. Clawson.
Division means and	extremes	.....	....	49.9	−2 3	82	5	21	10	51	3.37	+0.86	2.62	0	6	15	6	9	ne.	
Section means and	extremes	.....	....	51.1	−2.7	82	5	21	10	51	2.79	+0.52	2.62	0	6	16	5	9	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for November, 1923.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville |||	Edisto				.05	.55																	.30				.20				.50		1.60
Charleston ***	Coast				.30	.12								T.										.08			T.	.78	.48	T.	.03		1.79
Cheraw |||	Pee Dee	.16				.95								.42										.12	.39				T.		.43		2.47
Conway |||	Waccamaw					.24								.01	.06									.05	.05			.05	1.20	T.	.69		2.35
Darlington |||	Pee Dee																																
Effingham |||	Lynches					.34								.07	.04									.07	.09			T	.27		.36		1.24
Ferguson |||	Santee					.26									T.									.15	.05			.08	.38	.19	.90		2.01
Florence 1 |||	Pee Dee	.02				.28								.08														.14	.21	.06	.34		1.13
Florence 2 |||	do	.01				.28								.09										T.	.26				.18	.18	.23		1.23
Garnett	Savannah			.01	.04																			.24				.79	.56		.50		2.14
Georgetown	Coast				T	.40																		T.				.95	.85	.80	.25		3.25
Kingstree |||	Black					.20								T.										T.	.01				1.50		.40		2.11
Orangeburg 1	Edisto			.03	.05				T.															.34				.05	.21		.28		0.96
Orangeburg 2	do				.10																			.40				.23		.30			1.03
Paris Island	Coast				.34	.06																		.13				.36	.53	.01			1.43
Pinopolis	Cooper				.43																			.10				.20	.70	.66	.10		2.13
Rimini |||	Santee					.40																		.40						.30			1.10
St. George	Edisto			.05		.35																		T.	.15				.70	.20	.35		1.80
Society Hill |||	Pee Dee				.31								.20	.02										.42					.11	.85			1.91
Summerville	Ashley				.34	.11																		.19				1.41	1.36	.05	.17		3.63
Wedgefield	Wateree																							.35						.40	.35		1.10
Yemassee |||	Ashepoo					.12																			.28			.20	1.69		.25		2.54
Western Portion.																																	
Aiken	Edisto				.71																			.51				.07	.09	.13			1.51
Anderson	Savannah			.05	1.76	.22																		.99			.14			.40	.45		4.01
Blairs |||	Broad				.04	1.84																		.87				.04	.12	T.	.41		3.32
Calhoun Falls |||	Savannah				.48	1.27																		.35	.02			.22	T.	.41	.66		3.41
Camden |||	Wateree					.40								.08										.40	.14				.03	.03	.62		1.70
Catawba |||	Catawba				.13	1.40																		.60							.55		2.68
Chappells |||	Saluda				.34	1.70																		.70				.05	.10	.05	.36		3.30
Chester	Broad				1.38	.40																		.12				.03	.05	.15	.51		2.64
Clemson College	Savannah				1.70	.35																			.52	.16	.03			.90			3.66
Columbia ***	Congaree				.56	.02								T.										.37			.01		.10	.07	.21		1.34
Due West***	Savannah			.09	1.74	.01																.03		.83			.13		T	.57	.06		3.46
Edgefield |||	Savannah					1.50																		.52	.05			.05	.25		.30		2.67
Gaston Shoals |||	Broad				.40	2.62		T.																.70	.07			.03		.01	1.05		4.88
Greenville ***	Saluda			.11	2.57																	.03		.67			.08			.81	.12		4.39
Greenwood |||	do				.47	.91																		.65	.12					.04	.66		2.85
Heath Springs	Wateree				1.27									.07										.86					.11	.34			2.65
Kershaw |||	Lynches				1.04									.07										.71					.18		.43		2.43
Landrum	Broad				2.09	55																		.52			.04	T.		.76	.58		4.54
Laurens |||	Saluda				2.00																			.93			.09			.74			3.76
Liberty	Savannah			T.	.75	1.85																	1.10				.20	.05		.25	1.50		5.70
Little Mountain	Saluda				1.18	.45																								.79	.20			2.62
Newberry	Saluda				1.85	.46																		.71			T.		.17	.11	.34			3.64
Pelzer |||	do				1.20	1.38																		.88				.12		T.	1.04		4.62
Saluda	do				1.47	.69																		.49			.06		.14	.09	.27			3.21
Santuck	Broad				2.36	.25																		.89			T.	.07	.05	.21	.35			4.18
Spartanburg |||	do	T.			.75	2.38	T.	T.																.64	.06			.05			.95			4.83
Trenton	Edisto				1.10																			.58			.20		T.	.20				2.08
Walhalla	Savannah			.05	2.17	.10																		1.07			.24			.40	.51			4.54
Winnsboro |||	Broad					1.83								.10										.63	.14			.03	.17	T.	.38			3.28
Winthrop College	Catawba				1.20	.48																		.70						.35	.50			3.23

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.3	78	18	0.82	4				nw.
1888	52.7	82	22	2.77	8				
1889	54.8	84	18	3.84	6				w.
1890	58.4			0.64					
1891	51.9	82	15	2.48					ne.
1892	53.9	86	14	1.96					sw.
1893	52.9	87	15	2.11	5	14	8	8	ne.
1894	52.3	83	17	2.02	4	18	7	5	nw.
1895	54.4	88	21	2.35	6	12	8	10	ne.
1896	59.1	90	26	4.00	7	12	8	10	ne.
1897	55.3	88	23	1.99	5	16	7	7	sw.
1898	51.0	82	14	4.72	10	14	6	10	ne.
1899	55.0	86	22	2.41	5	16	6	8	ne.
1900	55.6	92	22	3.32	6	13	8	9	sw.
1901	48.2	85	17	1.01	5	21	4	5	n.
1902	59.2	89	22	3.80	6	13	7	10	ne.
1903	50.9	86	10	1.40	5	14	8	8	n
1904	51.6	80	22	2.78	6	17	6	7	w.
1905	54.5	90	21	1.31	3	17	6	7	sw.
1906	53.8	89	20	0.96	3	18	8	4	ne.
1907	52.2	87	24	4.13	10	12	7	11	ne.
1908	56.6	88	24	1.60	3	16	10	4	sw.
1909	58.3	88	20	0.97	3	18	9	3	sw.
1910	51.1	85	24	1.04	4	20	6	4	w.
1911	51.2	83	19	3.30	8	13	7	10	ne.
1912	52.1	84	17	2.71	4	22	4	4	w.
1913	53.5	89	18	1.79	2	21	5	4	w
1914	52.4	86	17	3.33	6	19	4	7	w.
1915	56.3	88	21	2.36	4	22	4	4	w.
1916	54.5	88	17	1.21	4	18	5	7	ne.
1917	50.4	83	16	0.82	4	21	4	5	ne.
1918	53.0	86	26	3.13	7	18	3	9	ne.
1919	56.6	92	20	0.86	3	18	6	6	ne.
1920	52.3	87	18	3.62	6	18	4	8	ne.
1921	56.9	86	24	3.11	7	13	6	11	w.
1922	54.8	88	17	0.61	3	20	5	5	ne.
1923	51.1	82	21	2.79	6	16	5	9	ne.
Period	53.8	92	10	2.27	5	17	6	7	ne.

Daily Temperatures for November, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	69	67	60	67	68	65	60	58	55	58	65	68	57	60	61	56	61	64	65	66	68	67	68	55	65	65	63	60	55	59	....	62.5
	Minimum	49	41	47	51	58	48	41	38	30	26	32	44	38	38	34	41	29	34	35	42	43	41	42	31	40	52	50	42	35	35	....	40.2
Charleston	Maximum	58	63	61	67	77	65	59	64	51	56	66	63	52	62	60	70	57	64	63	64	72	63	68	61	57	67	62	55	59	71	....	62.6
	Minimum	46	46	52	61	57	54	46	45	39	36	40	47	41	42	45	49	44	38	45	47	49	52	55	49	42	50	55	47	47	55	....	47.3
Cheraw§§	Maximum	56	60	56	65	....	64	58	60	48	59	71	58	55	60	61	66	56	65	68	65	65	70	61	58	63	65	59	55	68	65	....	*61.4
	Minimum	36	34	40	50	60	55	42	33	30	24	28	41	49	36	35	38	45	30	30	36	42	42	42	44	28	35	40	42	42	42	....	38.7
Conway	Maximum	60	66	60	70	79	69	62	65	53	60	69	60	58	65	66	70	58	68	68	77	74	71	66	64	63	70	64	54	60	73	....	65.4
	Minimum	38	37	43	52	62	56	45	36	33	27	28	39	35	39	36	39	41	31	34	36	43	43	47	47	29	33	51	44	44	50	....	40.6
Darlington §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Ferguson §§	Maximum	63	63	68	70	75	65	70	63	51	68	70	68	53	65	67	70	69	70	67	68	70	70	63	65	63	70	57	62	67	70	....	66.0
	Minimum	39	40	45	47	58	50	42	33	32	27	25	32	35	37	30	32	34	28	30	29	35	37	45	41	30	27	43	44	42	44	....	37.1
Florence 1	Maximum	59	64	64	71	82	64	66	68	52	56	78	61	48	60	67	61	58	70	73	72	76	74	65	63	70	72	60	46	63	73	....	65.2
	Minimum	36	37	37	52	62	55	43	36	31	27	31	42	44	39	38	41	39	32	34	36	44	45	48	44	31	40	53	44	42	45	...	40.9
Garnett	Maximum	64	65	60	76	70	64	64	67	56	62	72	75	60	67	67	72	62	....	66	73	71	73	69	64	66	71	61	56	56	72	....	*66.2
	Minimum	45	44	50	54	58	49	48	37	34	27	28	....	....	36	32	40	41	....	41	35	45	53	....	....	....	26	54	48	44	52	....	†42.8
Georgetown	Maximum	66	66	62	73	80	72	62	66	60	60	71	71	52	64	69	71	60	70	70	68	76	71	66	64	65	70	66	55	60	73	....	66.6
	Minimum	37	36	44	45	57	51	42	36	32	25	28	38	35	36	35	37	38	32	38	35	36	40	47	43	28	33	38	42	34	50	....	38.3
Kingstree	Maximum	62	62	68	71	77	68	62	65	58	60	76	73	64	61	66	70	65	63	66	69	63	71	65	63	66	70	65	55	56	66	....	65.6
	Minimum	38	40	44	51	61	53	43	34	33	25	28	38	56	40	34	41	42	32	38	43	42	40	51	45	29	36	51	44	43	54	....	41.6
Orangeburg 1	Maximum	70	62	60	67	66	64	62	64	51	61	72	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	57.5
	Minimum	42	38	44	47	60	42	42	35	30	26	28	39	40	37	33	49	39	28	30	33	40	39	44	44	31	31	40	48	43	44	....	38.9
Paris Island§§	Maximum	61	64	61	69	69	62	61	65	52	59	65	69	54	65	66	69	57	67	64	65	70	71	65	62	61	68	63	56	58	71	....	63.6
	Minimum	48	47	56	62	58	55	48	49	40	36	41	47	43	44	45	50	44	41	47	48	47	51	57	49	41	47	56	48	49	49	....	48.1
St. George	Maximum	62	66	60	67	66	72	63	66	54	62	72	72	74	66	69	71	58	71	65	72	65	70	65	64	68	70	58	59	62	72	....	66.2
	Minimum	41	41	44	49	59	54	44	36	33	28	29	36	38	40	33	39	42	32	34	34	40	40	43	46	31	36	43	47	47	47	....	40.2
Society Hill §§	Maximum	62	57	69	78	69	70	64	52	63	74	58	56	65	65	69	56	67	70	69	73	75	65	58	65	74	61	48	60	68	62	....	64.7
	Minimum	34	34	41	53	56	42	34	29	23	24	34	40	38	35	38	39	31	33	33	44	41	41	44	29	32	29	45	41	43	35	...	37.5
Summerville	Maximum	61	65	60	67	75	64	61	66	54	61	70	73	54	66	68	71	60	67	62	72	71	67	68	63	65	70	61	56	56	72	....	64.9
	Minimum	41	41	48	53	60	51	43	37	34	27	29	41	37	38	36	42	39	29	37	36	42	43	49	43	31	38	55	46	44	54	....	41.5
Wedgefield	Maximum	59	55	55	68	67	68	62	64	54	62	76	66	55	67	65	69	60	70	68	69	70	72	62	65	66	72	63	56	52	67	....	64.1
	Minimum	36	37	45	52	51	52	42	40	31	27	32	45	42	37	35	43	43	29	38	37	46	42	52	43	34	51	49	50	45	47	....	41.8
Yemassee	Maximum	63	65	60	71	66	62	61	65	55	61	71	74	61	67	67	71	62	70	67	73	71	74	67	64	68	72	62	56	54	72	....	65.7
	Minimum	44	42	50	52	60	50	42	40	32	25	27	32	36	37	32	42	41	31	37	35	44	41	49	44	31	35	55	48	47	51	....	41.1
Western Portion.																																	
Aiken	Maximum	61	60	57	67	64	61	59	60	57	57	68	69	61	66	61	67	62	66	62	66	66	69	67	67	66	62	60	55	62	62	...	62.9
	Minimum	42	43	49	54	55	47	41	39	33	29	33	39	38	37	39	43	39	32	41	41	51	48	52	42	35	38	48	44	50	38	....	42.6
Anderson	Maximum	56	55	50	51	66	61	59	61	55	61	71	71	64	68	60	64	55	66	68	69	68	71	68	61	63	57	60	51	47	57	....	60.8
	Minimum	37	39	45	45	50	49	39	38	30	30	33	45	37	37	42	42	38	34	42	42	45	46	51	40	35	42	42	44	39	41	....	40.6
Calhoun Falls§§	Maximum	58	57	57	54	62	59	59	60	53	60	70	71	64	65	58	64	54	65	68	63	64	70	66	61	64	60	61	49	44	57	....	60.6
	Minimum	36	37	37	42	50	45	38	35	25	28	25	29	33	33	34	39	33	28	31	32	37	39	42	43	40	33	34	40	43	39	....	36.4
Camden §§	Maximum	59	63	58	68	65	63	61	62	53	64	73	63	59	68	64	68	57	68	70	71	69	70	72	68	65	67	68	50	74	66	....	64.9
	Minimum	40	37	39	45	54	47	40	34	30	26	28	34	39	39	34	33	39	28	30	33	41	41	42	47	30	35	34	36	46	43	....	37.3
Chester	Maximum	56	57	53	59	68	60	60	60	50	60	70	57	59	65	60	65	55	66	67	59	63	66	61	55	63	60	59	51	48	61	....	59.8
	Minimum	35	37	41	50	53	48	38	31	30	24	50	41	42	38	37	32	42	29	31	39	43	41	51	40	29	40	41	41	39	42	....	39.2
Clemson College	Maximum	66	58	57	54	65	65	63	61	59	60	70	72	68	64	68	65	61	68	68	64	67	70	70	66	64	61	63	60	59	61	....	63.9
	Minimum	28	38	45	44	48	49	39	33	24	24	26	40	31	35	30	32	40	24	35	34	39	39	49	41	28	32	39	44	39	38	....	36.2
Columbia	Maximum	56	59	54	64	64	62	62	61	49	60	70	62	57	65	63	68	54	68	65	64	68	69	66	59	63	66	58	54	49	63	....	61.2
	Minimum	39	41	46	53	55	49	43	42	31	28	39	43	42	37	39	46	40	33	43	39	50	43	53	43	36	44	49	42	42	48	....	42.6
Due West	Maximum	55	56	51	52	66	60	68	58	51	58	68	67	62	64	66	69	53	64	65	56	65	70	65	58	61	58	58	49	45	55	....	59.5
	Minimum	36	37	44	47	50	44	39	36	31	28	30	41	37	37	42	38	35	30	38	40	45	43	51	39	28	41	43	43	39	42	....	39.5
Greenville	Maximum	55	53	49	51	66	59	59	57	54	57	68	64	63	66	59	63	49	64	64	58	65	69	66	54	59	56	58	50	43	56	....	58.5
	Minimum	36	37	43	44	51	43	41	39	33	29	34	48	44	38	46	42	36	29	42	43	50	46	50	42	35	42	42	43	37	41	....	40.8
Greenwood	Maximum	66	56	55	52	58	64	59	58	58	49	59	68	66	62	63	60	64	54	64	66	59	60	68	65	58	61	60	60	49	53	...	59.6
	Minimum	36	36	38	44	49	48	40	36	36	29	31	45	39	36	37	40	40	30	35	35	36	44	46	42	33	41	42	41	39	44	....	38.7
Heath Springs	Maximum	63	60	66	67	64	62	60	59	49	58	69	60	62	60	62	63	65	66	65	62	61	65	60	58	61	60	59	56	54	60	....	61.4
	Minimum	36	34	39	40	56	53	40	37	29	30	40	41	40	38	41	36	32	31	41	39	45	45	45	42	33	39	45	39	40	43	....	39.7
Kershaw	Maximum	57	59	54	60	64	63	60	60	49	60	72	59	57	64	63	67	59	64	69	67	63	71	62	58	63	66	59	55	46	63	....	61.1
	Minimum	37	34	42	50	57	53	40	34	28	26	37	45	40	38	39	40	42	29	39	28	44	42	49	42	30	37	46	40	41	46	....	40.5
Landrum	Maximum	55	54	51	49	68	63	62	53	53	61	72	69	64	69	66	63	55	67	67	58	67	70	67	61	63	57	58	50	45	60	....	60.3
	Minimum	33	35	40	43	44	46	40	36	27	25	37	37	35	33	36	40	38	37	45	39	42	39	40	38	43	39	34	42	41	36	39	38.4
Laurens§§	Maximum	56	55	52	53	57	60	59	60	51	59	70	68	62	65	59	66	54	67	66	57	66	70	65	59	62	59	59	49	49	60	....	59.6
	Minimum	33	35	39	43	48	51	38	30	24	22	28	30	41	28	30	36	28	25	27	33	39	40	43	45	28	30	36	44	39	41	....	35.3
Liberty	Maximum	56	57	50	54	67	61	59	67	60	64	70	64	63	65	61	59	56	65	67	63	65	68	67	63	60	60	60	60	51	59	....	61.4
	Minimum	39	36	46	44	50	40	37	36	26	26	30	41	35	32	37	34	40	26	38	38	37	41	49	31	35	34	38	44	37	37	...	37.1
Little Mountain	Maximum	65	57	58	60	65	60	58	59	56	58	68	63	57	63	63	64	65	67	...	....	....	....	....	....	....	....	60	57	59	60	...	b61.0
	Minimum	35	35	39	42	50	48	39	37	28	28	35	47	38	35	35	36	39	40	...	....	....	....	....	....	....	....	40	29	34	36	....	b28.0
Newberry	Maximum	59	59	53	57	68	62	60	61	52	60	72	64	61	67	61	67	55	68	70	61	63	72	67	60	64	64	58	59	46	61	....	61.5
	Minimum	35	38	44	50	53	52	41	35	28	25	30	44	39	36	36	39	36	30	36	35	41	41	59	41	31	40	47	49	40	44	....	39.3
Saluda	Maximum	62	69	55	58	66	61	59	61	56	57	67	76	60	64	61	66	61	66	63	59	58	69	67	62	61	64	58	56	47	60	....	61.6
	Minimum	35	37	45	49	53	49	41	33	26	28	28	41	37	30	31	38	36	29	33	30	30	40	59	39	30	26	47	42	41	45	....	37.8
Santuck	Maximum	58	58	53	54	65	61	60	61	51	61	79	61	61	68	60	66	58	67	68	58	65	69	69	58	63	61	60	56	48	62	....	60.9
	Minimum	33	34	42	50	59	56	36	29	23	21	28	39	33	28	31	36	36	27	30	20	37	40	51	43	27	38	49	49	40	41	....	36.1
Spartanburg	Maximum	56	54	51	50	63	62	59	57	50	60	70	61	63	65	60	65	50	65	65	56	68	69	69	59	61	69	58	50	40	59	....	58.8
	Minimum	32	36	43	46	49	51	38	38	27	25	31	49	38	39	37	38	40	30	36	39	38	38	45	44	39	29	40	49	33	40	....	38.1
Trenton	Maximum	....	....	....	78	77	58	58	60	50	59	66	71	70	65	64	64	60	65	66	66	60	69	66	65	62	64	58	56	56	59	...	c63.4
	Minimum	....	....	....	48	46	42	40	38	39	39	49	48	45	40	39	44	40	38	42	40	40	49	53	43	34	44	43	41	41	39	....	c41.5
Walhalla	Maximum	60	57	50	52	65	61	62	62	55	62	72	74	67	67	60	65	55	70	65	64	65	69	69	59	63	55	61	54	47	61	....	61.6
	Minimum	25	25	38	38	42	45	39	....	....	....	....	....	39	39	36	39	33	29	39	38	40	39	40	36	29	31	24	43	38	49	...	c35.5
Winnsboro §§	Maximum	58	59	54	62	68	63	60	....	....	60	57	71	61	58	65	63	66	54	67	69	63	69	66	58	....	....	58	46	55	62	...	c61.3
	Minimum	36	36	40	45	51	53	40	38	....	27	36	36	40	36	36	40	43	31	39	38	39	44	44	44	33	....	....	49	41	41	...	c39.3
Winthrop College	Maximum	59	58	53	50	55	59	60	60	47	61	79	58	59	67	61	66	53	66	67	62	67	68	60	63	54	59	60	51	46	62	...	58.9
	Minimum	33	35	40	49	53	52	38	35	28	26	33	43	42	36	37	41	42	30	38	38	42	48	50	31	41	40	42	41	38	40	...	39.4

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

551.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., DECEMBER, 1923. No. 12.

GENERAL SUMMARY.

The month was the mildest December since 1889, with four periods of decidedly abnormal temperatures and but three short periods of relatively cool weather. Precipitation averaged considerably above normal.

While the rainy periods and wet soil retarded plowing and planting, the mild weather was generally favorable for germination and growth of winter cereals, gardens, and truck; in fact, the abnormally high temperatures during three prolonged periods caused rather too rapid growth for best winter condition, and fruits began to show the effects of warm weather. Meanwhile, general hog killing could not be carried on with safety. However, cabbage, turnips, and beets, beans, spinach, and some lettuce in the trucking regions were in good condition at the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.15 inches. The highest pressure was 30.84 inches at Charlotte, N. C., on the 15th, and in the Section proper, 30.80 inches at Due West on the same date; the lowest pressure was 29.40 inches at Asheville, N. C., on the 5th, and in the Section proper, 29.44 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 52.9°, or 5.9° above the normal. The highest temperature was 79° at Calhoun Falls on the 10th, at Yemassee on the 13th, and at Georgetown on the 30th. The warm periods were from the 3d to 5th, 8th to 13th, 17th to 23d, and 26th to 31st, inclusive, when the daily means ranged from 5° to 24° above normal. The lowest temperature was 23° at Clemson College on the 7th. Short cool periods occurred on the 6th and 7th, from the 14th to 16th, and about the 25th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 87%; noon, 68%; 8 p. m., 76%. The highest percentages occurred along the coast, and the lowest, over the northern interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 4.12 inches, or 0.70 inch above the normal. Precipitation was general from the 3d to the 6th and from the 13th to the 24th. The rainfall was irregularly distributed, with 4 to over 6 inches in the southern and western counties and less than 3 inches in the northeastern counties. The greatest local monthly amount was 6.60 inches at Clemson College, and the least local monthly amount was 1.56 inches at Florence No. 2. The greatest amount during any 24 hours was 3.29 inches at Liberty on the 4th and 5th. The average number of rainy days was 12% above normal. There was no snowfall during the month.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 8.2 miles. The highest average velocity was 10.4 miles per hour at Savannah, Ga., and in the Section proper, 10.1 miles per hour at Charleston; the lowest average was 5.5 miles per hour at Charlotte, N. C., and in the Section proper, 7.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 42 miles per hour from the northwest at Savannah, Ga., and from the west at Due West on the 5th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 131.4 hours, or 43% of the possible amount. The average number of clear days was 11; partly cloudy, 8, and cloudy, 12, as against normals of 14, 6, and 11 days, respectively.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in the northwestern streams between the 5th and 9th, and the Santee River was near or above flood stages from the 7th to the 28th.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 21; Columbia, 13, 22, 23, 24; Due West, 13, 21; Greenville, 17; Paris Island, 21, 22. *Solar:* Columbia, 1, 2, 3, 11, 21; Due West, 13, 18; Greenville, 1.

Fog, dense.—Catawba, 1, 3, 20; Charleston, 8, 9, 10, 13, 22; Columbia, 13, 22, 23; Due West, 13, 20, 21, 22, 30; Gaston Shoals, 12; Greenville, 3, 5, 13, 21, 22; Liberty, 21, 22; Pelzer, 21, 22; Rimini, 12, 19, 20; Saluda, 20; Santuck, 13; Walhalla, 12, 17.

ERRATA.

SEPTEMBER, 1923.—Average precipitation, text, page 33, line 2, should be 2.67.
NOVEMBER, 1923.—Orangeburg, mean maximum temperature, page 44, should be 863.5.

MISCELLANEOUS DATA FOR DECEMBER, 1923.

Stations	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.16	46.2	70	23	2.72	0.93	8.3	se.	85	62	70	47
Augusta, Ga.	30.15	55.0	76	30	4.65	2.09	5.8	s.	90	68	74	45
Charleston, S. C.	30.16	56.9	75	33	3.91	1.66	10.1	sw.	86	68	81	42
Charlotte, N. C.	30.13	50.2	71	25	3.33	1.76	5.5	sw	85	70	72	46
Columbia, S. C.	30.16	54.1	74	29	2.72	0.95	7.9	ne.	88	71	75	26
Due West	30.17	49.3	72	27	5.14	2.08	9.4	sw.	89	69	...	29
Greenville, S. C.	30.12	50.6	70	27	4.59	2.25	9.1	sw.	85	70	73	45
Savannah, Ga.	30.15	58.5	77	35	2.30	1.08	10.4	ne.	88	69	76	43
Wilmington, N. C.	30.16	54.4	74	28	3.17	2.41	7.7	sw.	87	65	83	53
Mean and total for stations	30.15	52.7	77	23	3.61	2.41	8.2	sw.	87	68	76	43

JUN 2 1926
UNIVERSITY OF ILLINOIS

Climatological Data for December, 1923.

Stations	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.: Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches: Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	Number of days: With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	Observers.
Eastern Portion.																				
Blackville	Barnwell	296	39	53.5	+0.1	75	13	27	† 7	35	4.09	+0.86	2.00	0	11	13	7	11	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	52	56.9	+5.2	75	21	33	15	28	3.51	+0.76	1.66	0	10	4	12	15	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	41	51.4	+7.6	76	22	25	15	43	1.98	−2.16	1.08	0	5	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	33	55.0	+7.5	76	†10	28	75	41	2.67	−0.54	0.56	0	9	11	1	19	ne.	Paul Quattlebaum.
Darlington	Darlington	175	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. C. McCall.
Effingham	Florence	106	32	.....	.....	.....	.....	.....	.....	.....	2.59	−0.54	0.92	0	8	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	37	51.9	+3.9	76	†10	27	7	40	4.21	+1.24	1.42	0	9	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	41	52.6	+7.7	77	22	27	15	44	2.45	−0.50	0.91	0	11	12	7	12	sw.	H. K. Gilbert.
Florence 2	....do	136	8	.....	.....	.....	.....	.....	.....	.....	1.56	−1.39	0.91	0	7	9	9	13	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	5	56.8	.....	78	†11	30	7	44	4.66	.....	2.30	0	12	6	14	11	w.	Miner B. Robert.
Georgetown	Georgetown	18	30	53.8	+4.9	79	30	28	15	42	3.47	+0.02	0.89	0	6	14	9	8	nw.	A. P. Huzard.
Kingstree	Williamsburg	54	41	56.4	+9.1	77	†10	30	7	40	2.17	−0.88	0.60	0	8	19	4	8	e.	Mrs. Ellen Scott.
Mars Bluff	Florence	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	7	52.5	.....	75	31	28	† 7	35	4.16	.....	0.83	0	12	8	23	0	sw.	U.S. Fisheries Station.
Orangeburg 2	....do	264	3	.....	.....	.....	.....	.....	.....	.....	5.10	.....	1.66	0	10	12	7	12	w.	State A. and M. College.
Paris Island	Beaufort	13	42	57.8	+5.8	76	13	37	15	36	4.05	+1.20	1.28	0	9	4	7	20	ne	U.S. Naval Acrological Sta.
Pinopolis**	Berkeley	54	76	54.5	+7.3	70	†29	32	15	. ...	3.68	+0.70	1.00	0	8	17	0	14	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	9	.....	.....	.....	.....	.....	.....	.....	3.85	.....	1.25	0	5	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	40	°54.4	+6.6	°77	†13	°29	† 7	°41	4.58	+1.65	1.40	0	10	5	11	15	.....	R. L. Utsey.
Society Hill	Darlington	192	32	°51.3	+6.5	°78	9	°25	14	°44	2.53	−0.57	0.95	0	9	18	8	5	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	25	55.9	+7.0	76	†10	30	† 7	41	4.24	+0.89	1.20	0	10	16	4	11	sw.	E. P. Lawton.
Wedgefield	Sumter	249	33	54.7	+7.2	74	†13	27	†15	38	2.92	−0.27	0.80	0	7	15	6	10	w.	W Hampton Ramsey.
Yemassee	Hampton	24	24	56.0	+8.1	79	13	28	7	44	5.85	+2.71	2.35	0	9	10	6	15	ne.	W. C. Hutson.
Division means and extremes	.....	.....	.....	54.4	+5.2	79	†13	25	†14	44	3.56	+0.48	2.35	0	9	11	8	12	sw.	
Western Portion.																				
Aiken	Aiken	527	61	55.6	+8.3	75	31	31	7	36	3.69	+0.68	1.01	0	8	13	1	17	ne.	Frank B. McCoy.
Anderson	Anderson	764	30	50.4	+6.6	72	†10	28	† 7	36	6.04	+1.17	2.15	0	11	9	4	18	w.	H. H. Russell.
Blairs	Fairfield	293	18	.....	.....	.....	.....	.....	.....	.....	4.20	+0.30	1.50	0	9	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	24	50.0	.....	79	10	27	†15	37	6.31	+1.51	1.50	0	11	12	6	13	s.	L. M. Parker.
Camden	Kershaw	222	73	51.4	+3.3	74	†10	25	15	43	3.63	+0.23	1.18	0	11	15	0	16	sw.	Henry A. Brown.
Catawba	York	562	17	.....	.....	.....	.....	.....	.....	.....	3.18	−0.81	1.24	0	7	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	18	.....	.....	.....	.....	.....	.....	.....	5.59	+1.14	1.67	0	8	.....	.....	.....	.....	George V. Champ.
Chester	Chester	487	1	51.1	.....	72	10	26	15	38	4.35	.....	1.65	0	11	10	7	14	ne.	J. C. Cornwell.
Clemson College	Oconee	850	31	°51.2	+8.5	°72	31	°23	7	°43	6.60	+1.38	2.52	0	9	12	8	11	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	37	51.1	+6.9	74	10	29	15	32	2.72	−0.18	0.95	0	9	7	10	14	ne	U. S. Weather Bureau.
Due West	Abbeville	711	9	49.3	.....	72	10	27	7	31	5.14	.....	2.08	0	14	5	11	15	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	9	.....	.....	.....	.....	.....	.....	.....	4.75	.....	1.90	0	8	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	20	.....	.....	.....	.....	.....	.....	.....	3.39	−1.15	1.61	0	10	.....	.....	.....	.....	S. C. Ld., Power & Ry. Co.
Greenville	Greenville	1039	39	50.0	+8.8	70	31	27	15	35	4.59	−0.19	2.25	0	12	10	6	15	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	39	49.8	+6.8	72	11	26	†15	36	5.26	+0.83	1.51	0	10	11	0	20	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	21	50.4	+8.2	72	† 9	24	15	41	1.98	−1.75	1.10	0	3	12	7	12	sw.	J. Marvin Bowers.
Kershaw	Kershaw	500	7	52.5	.....	75	†10	24	15	41	2.83	.....	1.07	0	6	18	0	13	w.	John W. Hamel.
Landrum	Spartanburg	1063	8	49.7	.....	74	10	24	15	35	5.49	.....	1.82	0	8	11	7	13	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	5	b49.2	.....	b73	10	°25	† 7	b28	4.81	.....	1.83	0	8	6	18	7	.....	L. G. Roff.
Liberty	Pickens	900	23	51.0	+8.2	68	10	26	7	42	0.36	+0.11	3.29	0	12	7	8	16	sw.	O. F. Poggs.
Little Mountain	Newberry	711	30	52.9	+7.3	73	10	24	15	41	4.29	+1.00	1.60	0	6	16	3	12	w.	Miss Alberta Sease.
Newberry	Newberry	592	19	52.8	+8.5	74	†10	26	15	38	5.29	+0.98	1.84	0	9	12	4	15	w.	John H. Baxter.
Pelzer	Anderson	850	19	.....	.....	.....	.....	.....	.....	.....	4.92	−0.46	1.90	0	10	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	21	52.0	+6.6	72	10	25	15	38	4.55	+0.65	1.37	0	10	8	12	11	sw.	W. S. Crout.
Santuck	Union	512	30	50.9	+7.8	74	10	24	15	44	4.67	+0.51	1.92	0	11	11	8	12	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	40	48.8	+6.9	72	31	26	15	40	4.05	−0.19	1.92	0	9	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	30	°52.8	+5.7	°75	10	°27	15	°39	3.82	+0.02	1.66	0	6	9	12	10	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	23	48.6	+5.3	71	31	24	†15	40	5.74	+0.67	1.71	0	12	9	10	12	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	29	b50.9	+8.2	b74	10	b24	15	b38	3.46	+0.65	0.93	0	10	11	11	9	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	23	51.1	+8.1	74	†11	25	16	39	3.77	−0.48	1.25	0	5	7	18	6	n.	W. T. Clawson.
Division means and extremes	.....	.....	.....	51.1	+6.9	79	10	23	7	44	4.51	+0.23	3.29	0	9	10	8	13	sw.	
Section means and extremes	.....	.....	.....	52.5	+5.9	79	†10	23	† 7	44	4.12	+0.70	3.29	0	9	11	8	12	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for December, 1923.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖	Edisto			.20	.48	.58									.20			1.50	.50	.20				.20	.10					.08	.05		4.09
Charleston ***	Coast			.03	.34	.63							.18		.04		.48	1.18		.03	.66			.34						T.			3.91
Cheraw ‖	Pee Dee					1.08	.12								T.	T.					.29	.16		.33					T.			1.98
Conway ‖	Waccamaw					.49	.56							.30	.26	T.		.25			.08	.22		.02	.49			T.					2.67
Darlington ‖	Pee Dee																																
Effingham ‖	Lynches					.92	.10								.07	.05	.18	.64				T		.11	.52						T		2.59
Ferguson ‖	Santee			.19	1.42	.06									.19	T.		1.02	.19		.31	.36			.47			T.			T		4.21
Florence 1 ‖	Pee Dee					.91	.12					T.		.02	.14	.04	.12	.33	.08			.05		.32	.35			T.	T.				2.45
Florence 2 ‖	do					.91	.06							T.	T.	.01	T.	.40	.07					.03	.08								1.56
Garnett	Savannah			.08	.69	.41									.16		.30	2.30	.05	.40	.05	.02		.15	.05								4.66
Georgetown	Coast				.48	.60									.73		.40	.80		T.	.37							T.					3.47
Kingstree ‖	Black					.60	.10								.07			.50		.06		.12		.15	.57								2.17
Mars Bluff	Pee Dee													.01				.22							.35								
Orangeburg 1	Edisto			.10	.65	.66											.80	.83	.04	.02	.81	.11	.03	.56		.05							4.16
Orangeburg 2	do			.10	.65	.70						.35			.30		1.55	.20		.40	.04			.70									5.10
Paris Island	Coast			.05	.28	.21									.03		.66	.72		1.20	.08			.82									4.05
Pinopolis	Cooper				1.60	.30											.56		.30	.70	.10			.40					.82				3.08
Rimini ‖	Santee					1.05												1.25			.50			.45	.60								3.85
St. George	Edisto				.55	.55	.15								.10			1.40	.20		.80	.16		.05	.62					T.			4.58
Society Hill ‖	Pee Dee				.95	.20								.40		.12	.13			.30	.05		.33	.05									2.53
Summerville	Ashley			.09	.55	.40						.15	.02	.12			.49	1.20			1.04			.18									4.24
Wedgefield	Wateree				.40	.30									.15		.60	.27			.40			.80									2.92
Yemassee ‖	Ashepoo				.90	.60	.12									.15		2.35	.68		.71				.27						.05		5.83
Western Portion.																																	
Aiken	Edisto			.12											.37	.51	1.01	.60		.28	.03			.77									3.69
Anderson	Savannah			.10	1.25	.90	.10					.06			.24		2.15	.15		.18	.05			.91									6.04
Blairs ‖	Broad			.04	.09	1.50	.15								.10		.60	1.04			.08			.60									4.20
Calhoun Falls ‖	Savannah			T.	1.50	1.02	.15								.35		.90	1.04	.10		.17	.18		.89	.06								6.81
Camden ‖	Wateree					1.10	.15							.02	.06	.05	.22	1.18			.22	.02		.53	.08								3.65
Catawba ‖	Catawba					1.24	.60								.51	.20	21				.15			.27									3.18
Chappells ‖	Saluda			.65	.32	1.67									.19		.87	1.30			.15			1.04									5.59
Chester	Broad	.18			.60	1.65	.02								.38		.82	.03		.12	.05	.05		.45									4.25
Clemson College	Savannah			1.00		2.52								.08	.20		1.80	.07		.08	.30			.55									6.60
Columbia ***	Congaree			.04	.38	.36						T.		T.	.10		.90	.10		.04	.04			.76				T.			T.		2.72
Due West ***	Savannah			.06	.80	.81					.01	T.		.03	.13	.04	2.08	.13		.15	.01	.01	T.	.85	T.			T.	T.		T.	.03	5.14
Edgefield ‖	Savannah			.15	.40	1.20									.25			1.90	.10		.10			.65									4.75
Gaston Shoals ‖	Broad				.06	1.61	.15							.01	.22		.50	.27			.22			.81				.03				T.	3.29
Greenville ***	Saluda			.01	2.20	.41					.02			.16	.04	.09	1.15			.14	.08	T	.03	.26				T.	T.		T.	T.	4.59
Greenwood ‖	do			.02	.38	1.20	.20										.75	1.51	.05		.23			.70	.22								5.26
Heath Springs	Wateree					1.10									.20					.68													1.98
Kershaw ‖	Lynches						1.07								.27		.22	.53			.22			.52									2.83
Landrum	Broad					1.04	1.82								.62		.66	.04		T.	.51	.48		.31									5.49
Laurens ‖	Saluda					.19	1.49	.10							.23		1.88	.10			.12			.75									4.81
Liberty	Savannah			.06	.45	3.29	T.					.10	T.	.01			.80	.42		.10	.25			.80				.07				.01	6.36
Little Mountain	Saluda			.10	.40	.92											1.60	.25						1.02									4.29
Newberry	Saluda			.07	.65	1.52						.02			.12		1.84	.17		.08	T.			.82									5.29
Pelzer ‖	do			.04	.26	1.50	.12					.02		T.	.28		.96	.56			.18	T.		.60				T.	T.			T.	4.92
Saluda	do			.08	.57	.83							.01		.17		1.37	.28		.03	.09			1.12									4.55
Santuck	Broad				.57	1.35	.03					.04			.50		1.41	.02			.13	.02		.54				.02			T.		4.07
Spartanburg ‖	do			T.	.05	1.92	.09							T.	.35		.60	.43			.32	.04	T.	.25				T.	T.			T.	4.05
Trenton	Edisto			.20		1.66									.40			.75			.19			.62									3.82
Walhalla	Savannah			.09	1.20	1.71					.15				.30		1.22			.15	.37	.03	.04	.47				T.			T.	.01	5.74
Winnsboro ‖	Broad				.12	.93	.10					T.			.18	.02	.43	.92			.07			.63	.06								3.46
Winthrop College	Catawba				.75	1.35										.50		.55						.62									3.77

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR DECEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	44.9	76	18	4.65	10				ne.-e.
1888	42.7	71	13	3.56	7				
1889	55.4	79	17	0.53	1				sw.
1890	45.9			2.25					
1891	49.9			1.91					
1892	47.1	76	6	2.45					
1893	47.2	79	17	3.05	6	17	7	7	sw.
1894	48.1	85	— 1	2.56	7	15	8	8	nw.
1895	46.1	80	15	3.04	6	16	7	8	nw.
1896	44.0	83	8	3.35	7	17	6	8	ne.
1897	47.6	82	21	2.40	8	11	8	12	ne
1898	45.9	77	9	2.84	8	12	7	12	nw.
1899	44.6	79	11	2.33	7	15	8	8	nw.
1900	45.5	79	18	5.64	8	14	7	10	n
1901	44.0	80	2	5.01	11	13	5	13	n
1902	46.8	85	10	4.26	7	14	6	11	nw.
1903	41.0	72	10	1.95	6	20	5	6	w.
1904	45.5	78	16	2.79	9	14	5	12	w.
1905	45.2	77	16	7.25	10	12	4	15	ne.
1906	48.0	89	11	3.25	7	14	8	9	sw.
1907	46.2	75	12	5.81	10	14	7	10	w.
1908	50.6	83	23	2.84	7	13	9	9	w.
1909	42.8	84	7	2.81	7	17	7	7	nw.
1910	42.0	76	12	2.86	5	18	7	6	w.
1911	49.8	85	18	4.94	9	11	7	13	ne.
1912	48.8	79	18	2.88	8	12	5	14	sw.
1913	47.8	77	16	4.25	9	10	7	14	w
1914	43.9	80	11	4.80	13	6	6	19	ne.
1915	44.2	79	17	3.27	7	18	5	8	w.
1916	46.7	79	11	2.43	9	16	6	9	w.
1917	37.7	82	—6	1.47	6	15	6	10	ne.
1918	50.8	82	17	5.85	9	12	6	13	w.
1919	46.5	87	15	3.45	6	16	6	9	ne.
1920	46.1	75	18	4.01	8	15	5	11	w.
1921	50.3	80	20	1.54	5	16	7	8	w.
1922	51.0	86	22	4.90	13	10	5	16	ne.
1923	52.5	79	23	4.12	9	11	8	12	sw.
Period	46.6	89	—6	3.42	8	14	6	11	w.

Daily Temperatures for December, 1923.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	61	65	68	60	63	53	58	65	67	68	67	67	75	70	41	48	55	53	60	70	74	72	72	60	51	55	62	65	70	74	73	63.3
	Minimum	35	39	42	42	52	38	27	35	40	41	52	45	56	40	27	37	40	41	41	52	52	49	52	46	30	33	42	58	56	58	58	43.7
Charleston	Maximum	62	64	60	66	67	53	59	66	70	67	72	64	74	66	51	57	56	61	62	66	75	74	64	63	54	53	63	74	65	74	69	64.2
	Minimum	46	45	50	52	51	44	39	44	49	51	54	48	58	38	33	45	51	48	55	59	57	56	61	44	40	42	49	56	56	55	61	49.6
Cheraw§§§	Maximum	60	60	66	61	68	55	66	68	73	75	58	62	72	42	41	43	64	60	65	72	72	76	62	56	56	59	74	74	66	70	65	63.1
	Minimum	35	34	42	42	47	43	28	30	40	42	44	29	42	41	25	38	41	30	35	51	52	51	58	42	31	28	42	48	34	39	45	39.6
Conway	Maximum	64	65	64	62	68	65	62	69	73	76	67	65	76	70	52	60	57	60	67	67	72	75	69	63	56	59	63	73	70	72	74	66.3
	Minimum	37	37	48	43	55	45	32	32	35	40	48	37	55	39	28	38	47	38	38	56	58	48	60	52	31	31	40	58	43	44	62	43.7
Darlington§§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Ferguson§§§	Maximum	67	66	63	65	67	53	62	70	72	76	68	66	76	47	49	54	53	62	64	67	75	70	56	51	52	58	70	72	72	74	75	64.3
	Minimum	32	35	35	46	48	33	27	30	35	38	45	42	47	46	28	32	37	41	30	34	53	51	48	46	31	29	36	47	48	47	48	39.5
Florence 1	Maximum	65	65	65	64	67	57	63	71	75	61	64	68	76	44	49	48	62	62	61	66	75	77	61	60	58	63	63	75	67	73	75	64.5
	Minimum	38	37	45	48	50	44	30	31	38	46	36	38	36	42	27	36	41	35	36	41	57	52	56	47	31	32	32	47	41	41	54	40.6
Garnett	Maximum	66	66	60	62	69	60	62	70	75	76	78	69	77	68	51	50	56	62	64	71	78	77	66	65	55	60	71	75	74	76	77	67.3
	Minimum	34	36	46	51	59	44	30	31	39	42	46	49	56	41	31	43	46	47	46	60	65	50	60	48	33	33	41	56	56	55	60	46.2
Georgetown	Maximum	66	66	65	69	66	65	64	65	73	68	72	63	76	55	53	56	58	61	64	64	77	76	66	70	60	60	68	74	70	79	74	66.5
	Minimum	38	37	39	45	53	40	31	31	36	39	46	39	46	35	28	35	40	36	45	47	45	47	48	47	35	34	38	47	47	48	49	41.0
Kingstree	Maximum	66	62	66	63	67	66	64	69	74	77	72	65	77	72	65	53	54	61	66	65	73	78	69	66	68	65	66	73	71	76	72	67.8
	Minimum	37	45	42	47	54	44	30	34	37	41	51	40	57	39	38	40	47	40	43	57	58	48	58	49	31	34	41	57	46	47	59	44.9
Orangeburg 1	Maximum	59	58	58	57	62	62	55	....	....	68	70	68	67	66	....	50	50	59	61	65	....	....	67	61	54	53	61	72	70	68	75	°62.2
	Minimum	35	34	42	49	56	40	28	30	34	35	51	43	56	40	28	39	47	40	43	56	47	50	57	40	32	33	49	61	50	50	57	43.6
Paris Island§§§	Maximum	63	65	60	66	67	54	61	67	72	74	74	64	76	66	52	57	59	62	63	66	75	73	63	59	55	59	65	75	65	71	73	65.2
	Minimum	45	47	51	54	51	45	41	46	49	53	53	51	56	40	37	47	54	51	54	62	57	56	61	43	39	40	49	56	57	55	59	50.3
St. George	Maximum	75	68	64	65	67	54	69	73	....	75	69	68	77	52	51	52	54	64	64	68	75	75	64	56	60	....	....	74	67	74	77	°66.1
	Minimum	35	36	41	48	50	44	29	32	40	....	41	43	44	52	29	30	42	44	44	48	56	49	51	48	33	34	....	....	50	52	53	°42.8
Society Hill§§§	Maximum	64	68	62	69	56	60	....	73	78	60	65	75	48	43	48	64	59	60	66	75	72	62	59	66	63	64	75	68	71	75	62	°64.2
	Minimum	33	38	44	47	43	28	28	....	36	45	32	31	41	25	25	38	32	34	35	54	54	56	46	28	28	29	47	35	36	47	58	°38.4
Summerville	Maximum	65	67	63	58	67	59	62	71	73	76	75	68	76	64	52	52	55	55	66	65	75	76	66	64	56	52	68	73	68	75	74	65.7
	Minimum	37	41	44	50	58	59	30	33	40	43	49	49	52	38	30	42	49	43	48	60	55	50	58	48	34	36	38	53	52	52	58	46.1
Wedgefield	Maximum	63	64	65	57	61	65	60	68	72	67	69	67	74	70	55	48	55	60	60	68	73	74	64	66	55	57	65	74	70	74	72	64.7
	Minimum	28	37	44	51	54	42	30	36	42	49	55	46	54	38	27	38	44	27	40	53	59	54	57	44	31	36	48	52	44	47	60	44.7
Yemassee	Maximum	66	67	61	61	69	63	64	71	75	76	72	67	79	68	51	48	55	63	61	69	77	77	69	64	56	62	71	75	72	77	76	67.2
	Minimum	35	37	34	50	58	43	28	31	38	41	47	47	53	42	30	42	46	48	49	60	54	49	58	47	33	32	40	55	55	52	56	44.9
Western Portion.																																	
Aiken	Maximum	51	65	61	58	65	62	62	67	69	74	72	65	72	69	45	47	55	61	64	63	72	74	68	67	57	57	68	71	72	73	75	64.6
	Minimum	43	37	48	35	51	46	31	43	43	45	45	47	54	38	38	38	43	45	43	51	57	51	59	43	32	47	49	58	60	62	61	46.5
Anderson	Maximum	49	54	64	53	53	49	50	64	70	72	64	61	65	63	39	45	60	56	47	54	63	68	63	56	55	49	61	71	63	55	72	58.3
	Minimum	36	35	46	46	38	36	28	36	46	52	55	41	49	38	28	33	45	38	40	45	53	55	56	36	30	46	46	51	39	46	53	42.6
Calhoun Falls§§§	Maximum	58	62	62	64	63	47	60	62	71	79	65	63	68	44	43	48	53	56	48	56	69	71	63	57	55	55	64	70	66	70	72	60.8
	Minimum	34	33	34	46	50	40	28	28	35	42	42	40	43	40	27	27	38	38	39	43	47	52	52	39	29	29	34	49	42	44	55	39.3
Camden§§§	Maximum	65	64	67	64	68	56	62	69	73	74	66	70	72	42	48	56	62	61	60	65	73	74	64	58	55	59	64	74	74	74	72	64.7
	Minimum	34	33	34	44	48	42	28	28	30	41	44	37	41	40	25	28	38	35	37	42	53	48	50	44	29	29	29	46	38	39	49	38.2
Chester	Maximum	56	57	64	54	64	54	58	66	71	72	63	60	68	66	43	42	61	57	55	57	69	71	64	61	55	54	66	71	62	69	71	61.8
	Minimum	38	31	42	49	52	39	28	34	42	42	47	37	50	32	26	34	41	35	32	45	54	52	55	39	27	28	46	56	35	46	61	40.9
Clemson College	Maximum	62	59	65	....	65	56	60	66	68	69	68	63	60	60	52	56	63	58	66	68	66	68	65	57	60	55	57	70	68	64	72	°62.7
	Minimum	39	38	41	....	49	32	23	28	37	40	49	41	48	37	26	32	44	30	36	46	48	52	56	36	35	38	44	54	33	40	53	°40.1
Columbia	Maximum	59	62	63	61	67	51	63	68	71	74	62	63	70	65	45	46	55	57	58	63	72	72	63	56	54	56	65	73	68	72	72	62.7
	Minimum	42	37	47	51	45	40	32	41	48	51	50	43	54	33	29	37	46	41	45	53	59	55	56	40	33	37	48	54	45	51	62	45.5
Due West	Maximum	56	60	62	61	62	59	58	63	68	72	61	59	67	51	43	45	56	55	47	55	65	68	62	49	53	52	62	70	62	67	71	59.1
	Minimum	38	36	46	50	28	33	27	35	45	48	49	41	50	33	28	31	45	39	42	45	53	55	49	37	29	34	46	46	40	48	59	39.5
Greenville	Maximum	54	55	62	53	58	47	55	64	66	69	62	59	64	47	41	47	60	54	47	57	62	67	60	49	54	50	61	69	61	58	70	57.5
	Minimum	38	37	47	49	38	35	30	40	48	53	49	43	47	33	27	32	45	41	42	47	54	54	46	39	29	34	46	46	39	46	57	42.4
Greenwood	Maximum	57	58	60	62	63	64	48	50	65	69	72	64	61	68	44	45	47	55	57	49	57	69	70	62	50	52	58	68	70	64	69	59.5
	Minimum	37	36	45	46	49	39	29	29	40	47	52	39	39	38	26	26	39	35	35	42	46	53	53	40	29	34	35	49	40	43	52	40.1
Heath Springs	Maximum	58	64	60	58	58	54	58	62	72	79	58	66	67	62	55	54	54	55	55	61	68	70	67	63	58	64	66	65	68	67	68	62.2
	Minimum	38	40	38	38	38	38	38	31	45	47	38	36	34	35	24	34	34	33	37	47	56	56	55	39	29	33	34	33	35	34	50	38.6
Kershaw	Maximum	59	60	68	55	66	66	60	68	73	75	64	64	71	66	45	44	62	59	55	63	72	73	63	62	53	59	61	75	65	70	72	63.5
	Minimum	38	35	43	46	51	40	27	32	44	45	46	34	49	35	24	35	43	33	36	49	58	53	56	28	27	30	43	60	35	42	59	41.5
Landrum	Maximum	57	59	64	57	55	55	56	66	71	74	64	60	54	57	43	48	61	57	52	55	63	67	62	58	57	54	55	70	62	59	70	59.4
	Minimum	34	30	44	40	47	36	31	36	48	48	54	35	45	33	24	31	39	29	31	46	51	55	55	39	31	35	44	45	32	37	51	40.0
Laurens§§§	Maximum	57	56	64	62	64	51	60	65	70	73	61	....	67	....	43	48	59	55	49	56	65	71	69	52	54	59	63	70	68	69	72	b61.0
	Minimum	37	29	32	48	51	28	25	27	36	41	49	36	....	38	26	28	37	32	36	43	48	47	49	34	25	26	20	45	32	34	60	b37.4
Liberty	Maximum	50	57	66	66	64	60	58	66	67	68	66	65	64	64	56	55	60	59	54	55	62	65	64	57	55	56	56	67	67	65	65	61.3
	Minimum	38	31	43	50	36	26	26	35	42	49	50	42	38	34	28	32	45	34	38	44	53	52	56	37	27	32	45	50	50	45	45	40.6
Little Mountain	Maximum	58	60	62	62	63	57	54	66	70	73	68	64	69	65	43	41	54	55	53	63	72	70	68	66	52	53	62	72	68	70	71	62.1
	Minimum	36	35	45	46	47	42	37	38	45	50	54	48	53	43	24	33	38	33	37	47	55	54	54	39	29	34	45	59	42	55	59	43.7
Newberry	Maximum	60	66	64	59	64	51	62	66	71	74	64	62	70	67	68	42	57	57	53	61	72	72	64	55	54	56	63	74	66	70	74	63.0
	Minimum	35	33	43	50	48	40	28	34	46	48	54	38	53	25	26	35	41	34	38	48	56	52	54	37	30	32	48	59	38	47	61	42.6
Saluda	Maximum	58	64	62	59	64	56	59	64	67	72	65	61	70	68	44	44	57	56	52	62	71	71	65	62	52	54	63	71	65	70	71	61.9
	Minimum	32	31	43	40	53	41	26	30	40	49	53	41	51	40	25	35	41	33	36	46	56	52	56	41	30	30	46	60	41	45	61	42.2
Santuck	Maximum	60	61	61	57	65	57	61	66	70	74	66	62	69	66	44	44	62	57	55	57	67	72	66	62	54	56	62	72	66	68	72	62.4
	Minimum	29	29	40	48	51	40	25	28	35	49	52	39	49	38	24	34	44	27	30	45	53	47	56	27	25	25	45	60	31	37	62	39.4
Spartanburg	Maximum	58	63	54	54	60	53	55	66	71	68	69	59	64	44	41	47	60	54	49	56	63	69	61	48	50	54	62	74	62	63	72	58.7
	Minimum	37	32	44	49	48	37	28	28	41	47	53	37	48	35	26	28	41	33	35	40	48	48	53	41	28	28	38	48	34	34	48	39.0
Trenton	Maximum	....	....	....	....	....	59	69	69	71	75	65	64	70	60	43	46	58	58	59	64	73	72	69	55	54	55	65	72	70	70	70	°63.1
	Minimum	....	....	....	....	....	42	30	38	45	52	48	44	50	39	27	35	40	40	41	44	54	52	48	41	30	34	47	48	45	45	49	°42.6
Walhalla	Maximum	59	59	64	54	58	49	60	67	68	69	64	59	56	57	44	49	61	52	51	55	64	66	61	55	56	52	58	67	63	55	71	58.8
	Minimum	29	30	40	48	41	35	25	28	40	47	49	42	46	32	24	31	45	32	35	43	52	51	51	29	24	27	43	54	39	38	52	38.5
Winnsboro§§§	Maximum	60	61	65	62	65	52	60	68	71	74	64	62	70	49	44	48	....	....	56	69	72	72	62	53	53	57	64	71	65	71	72	b62.0
	Minimum	37	36	37	47	49	35	28	30	40	48	50	36	37	40	24	25	37	....	....	40	53	56	56	40	31	31	31	48	40	40	53	b39.8
Winthrop College	Maximum	59	57	66	53	62	54	58	58	61	71	74	65	69	67	60	43	63	53	55	65	71	69	60	53	57	59	74	64	66	71	65	60.9
	Minimum	36	35	43	49	51	38	29	32	36	46	49	50	33	38	34	25	33	43	35	45	52	52	55	39	29	30	44	56	35	46	61	41.3

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVI. COLUMBIA, S. C., YEAR 1923. No. 13.

GENERAL SUMMARY.

The year 1923, though close to normal in temperature and precipitation, on the whole, opened and closed unseasonably mild, with unusually cool weather in late spring, early summer, and early autumn, and marked rainfall departures in March and from May to the close of October, which was remarkably dry. There was no measurable snowfall during the winter months. Glazestorms occurred in the western counties in January and February. The only flood of consequence occurred in March. Five persons were killed by lightning in April, June, and August. A small tornado occurred near Greenville in April. Rather severe or damaging thunderstorms, hailstorms, and wind squalls occurred in various portions of the Section from March to August.

Though the weather was relatively mild and open, but changeable, to the close of March, all crops made seasonable growth generally, and the hardest freeze of the winter between February 15 and 20 checked abnormal development of tree fruits. From April to the close of July, temperatures ranged below the seasonal average, with too much rain in May and material deficiencies in June and July. Fruit, which had advanced abnormally during the warm weather of March, was seriously damaged by the freezes of early April, and germination of early cotton and corn was very irregular on account of cold nights; winter cereals and other crops made satisfactory progress generally. Cotton chopping became general in early May, and boll weevils appeared in increasing numbers during the last week. The increasing warmth and comparatively light rainfall during June and July were generally favorable for maturing and harvesting the grain crops, but early corn suffered from drought during July; cotton and other crops were generally vigorous; weevils were numerous everywhere, but active poisoning prevented serious damage. The first cotton bloom was observed June 7 on Chisholm Island. Wet weather during August caused considerable shedding and boll rot in cotton, and weevil ravages increased, the pest taking the top crop and part of the intermediate crop; the first bale was ginned August 13 at Allendale, and picking was general at the end of the month; all late crops were in good condition generally. The early September rains caused further deterioration in cotton, followed by stoppage of fruiting; the crop opened rapidly, and picking was well advanced; the harvesting of late crops progressed favorably, and some fall plowing was done. Prolonged drought during October was favorable for harvesting late crops, but up-State hydro-electric power was materially curtailed, and the Congaree River at Columbia was remarkably low throughout the month. November was unusually cold, and continued drought materially retarded plowing and winter grain planting, but conditions improved later in the month; low water in the streams prolonged the lack of ample hydro-electric power; cotton picking was practically finished during the first decade. December was the mildest month of the name since 1889; while the rainy periods and wet soil retarded plowing and planting, the mild weather was favorable for growth of winter cereals, truck and gardens, but fruit development was rather too rapid for best winter condition.

The last general spring killing frosts occurred on April 1 and 2, and the first in autumn occurred on November 9 and 10. The average latest spring killing frost date for 1923 was March 31, or 8 days later than normal, and the first killing frost date in autumn was November 11, or one day later than normal. The growing season was 225 days in length, or seven days shorter than normal.

The mean annual temperature was 63.1°, or 0.1° above normal. The warmest month was August, with a mean of 79.3°; coldest month, February, with a mean of 44.8°. The highest annual mean at any station was 66.8° at Paris Island; lowest annual mean, 59.8° at Walhalla. The highest temperature was 104° at Society Hill on July 5; lowest temperature, 11° above zero at Walhalla on February 18 and 19.

Seasonal temperatures, with departures from the 37-year normal: Winter—48.3°, +1.9°; spring, 61.7°, —0.9°; summer, 78.5°, —0.2°; autumn, 63.2°, —0.7°.

The average annual precipitation was 46.60 inches, or 1.26 inches below the normal. The greatest annual amount at any station was 61.28 inches at Landrum; least annual amount, 34.81 inches at Columbia. The greatest monthly amount at any station was 14.30 inches at Georgetown in August; least monthly amount, 00.0 inch at Winthrop College, Rock Hill, in September. The average number of rainy days was 98; greatest number at any station, 128 at Summerville; least number, 63 at Winthrop College. Average annual snowfall, Trace.

Seasonal precipitation, with departures from the 37-year normal: Winter—11.47, +0.22 inch; spring, 15.06, +4.44 inches; summer, 14.25, —2.63 inches; autumn, 6.60, —2.52 inches.

During the growing season, March to September, inclusive, the total rainfall was 31.98 inches, or 0.68 inch above the normal.

The snowfall was too small to measure and occurred on a few dates in January, February and March.

Moderate freshets in the Pee Dee and Santee River Districts during portions of 8 months were attended by losses approximating $9,815, and the value of movable property saved by timely warnings has been estimated at $107,700.

The average annual atmospheric pressure determined from 9 regular station reports was 30.08 inches. The highest pressure was 30.84 inches at Charlotte, N. C., on December 15, and in the Section proper, 30.80 inches at Due West on the same date; the lowest pressure was 29.26 inches at Wilmington, N. C., on March 7, and in the section proper, 29.29 inches at Columbia on March 6.

The average annual sunshine, determined from 9 automatic records, was 60% of the possible amount. The average annual number of clear days was 176; partly cloudy, 85, and cloudy, 104, as against normals of 171, 100, and 94 days, respectively.

The average annual relative humidity at 8 a. m. was 81%: Noon, 59%, and 8 p. m., 70%.

The prevailing wind was from the west and southwest. The average annual hourly velocity, determined from 9 anemometer records, was 7.8 miles. The highest velocity for any 5-minute period during the year was 48 miles per hour from the west at Savannah, Ga., on March 6, and at Greenville on June 7.

(CONTINUED ON PAGE 52.)

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Climatological Data for the Year 1923.

Stations.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).							Number rainy days.	Sky.			Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for the year.	Greatest monthly.	Month.	Least monthly.	Month.	Total snowfall.		Number clear days.	Number partly cloudy days.	Number cloudy days.	
EASTERN PORTION.																				
Allendale	Barnwell	186	41	.....	.....	.....	§19	Feb. 19	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blackville	Barnwell	296	40	.....	101	July 13	20	Feb. 19	40	45.41	7.65	Aug.	0.68	Oct.	0	97	.....	.....	.....	.....
Charleston	Charleston	48	51	66.3	96	July 7†	28	Feb. 19	53	46.58	12.29	Aug.	1.03	Feb.	0	124	96	116	143	sw.
Cheraw	Chesterfield	144	42	63.3	100	June 27†	17	Feb. 17	42	35.53	6.08	Aug.	0.93	June	0	82	.....	.....	.....	.....
Conway	Horry	25	27	64.5	97	Aug. 7	19	Feb. 19	35	42.73	6.36	July	1.47	June	0	112	164	45	156	sw.
Darlington	Darlington	175	24	.....	98	July 12	16	Feb. 17	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Effingham	Florence	106	.....	.....	.....	.....	.....	.....	33	37.09	6.35	Aug.	0.87	Oct.	0	91	.....	.....	.....	.....
Ferguson	Orangeburg	63	35	63.6	98	Aug. 8	18	Feb. 19	38	44.14	11.32	Aug.	1.53	Oct.	0	103	.....	.....	.....	.....
Florence 1	Florence	136	42	64.8	100	Aug. 17	22	Feb. 19	42	43.77	11.22	May	0.80	Oct.	0	99	202	96	67	sw.
Florence 2	Florence	136	.....	.....	.....	.....	.....	.....	7	39.08	9.92	May	0.71	Oct.	0	82	154	92	119	sw.
Garnett	Hampton	82	6	66.6	100	July 13	18	Feb. 19	6	53.01	9.95	Aug.	1.40	Jan.	0	111	128	135	102	sw.
Georgetown	Georgetown	12	21	64.9	100	July 17†	19	Feb. 19	31	55.33	14.30	Aug.	1.35	Apr.	0	82	203	109	53	n.
Kingstree	Williamsburg	54	42	65.0	103	July 14	19	Feb. 19	42	37.90	8.27	Aug.	0.60	Oct.	0	93	246	17	102	ne.
Orangeburg 1	Orangeburg	264	8	64.4	99	Aug. 15	20	Feb. 19	8	41.07	9.44	Aug.	0.82	Oct.	0	116	160	128	77	sw.
Orangeburg 2	....do	264	.....	.....	.....	.....	.....	.....	5	42.31	7.68	Aug.	0.53	Oct.	0	107	186	76	103	nw.
Paris Island	Beaufort	13	39	66.8	97	Sept. 6	24	Feb. 19	43	40.85	8.22	Aug.	0.70	Feb.†	0	94	92	115	158	sw.
Pinopolis**	Berkeley	54	25	.....	92	July 6	21	Feb. 19	77	.....	10.16	May	0.57	Apr.	0	.....	.....	.....	.....	ne.
Rimini	Clarendon	97	.....	.....	.....	.....	.....	.....	13	43.38	8.45	Aug.	1.10	Nov.	0	77	.....	.....	.....	.....
St. George	Dorchester	109	41	64.9	97	July 13	20	Feb. 19	41	44.00	8.10	July	0.87	Jan.	0	101	136	115	114	.....
Society Hill	Darlington	192	33	62.8	104	July 5	16	Feb. 17	33	50.18	12.20	Aug.	1.35	June	0	111	258	44	63	s.
Summerville	Dorchester	75	26	65.3	98	Aug. 15	19	Feb. 19	26	50.82	8.30	Aug.	1.18	Feb.	0	128	197	95	73	w.
Wedgefield	Sumter	249	2	64.9	99	Aug. 14	20	Feb. 17†	2	39.41	9.62	Sept.	0.20	Oct.	T.	80	124	56	65	w.
Yemassee	Hampton	24	35	65.6	97	July 13	17	Feb. 19	35	52.19	11.60	May	1.17	Apr.	0	101	203	22	140	ne.
Division means and extremes.		.....	.....	64.5	104	July 5	16	Feb. 17	.....	43.93	14.30	Aug.	0.53	Oct.	T.	101	177	81	107	sw.
WESTERN PORTION.																				
Aiken	Aiken	527	60	64.8	98	July 13†	20	Feb. 19	62	42.00	6.45	May	0.46	Oct.	0	78	209	19	137	ne.
Anderson	Anderson	764	27	62.0	95	Aug. 15	17	Feb. 18	31	54.96	8.99	May	1.20	Sept.	T.	114	203	23	139	w.
Blairs	Fairfield	293	.....	.....	.....	.....	.....	.....	19	42.27	5.62	Mar.	1.38	Oct.	0	101	.....	.....	.....	.....
Calhoun Falls	Abbeville	508	7	61.4	99	July 13†	16	Feb. 18†	25	49.16	9.71	May	0.12	Oct.	0	92	147	89	129	e.
Camden	Kershaw	222	45	63.7	99	July 15	20	Feb. 17†	75	45.12	10.53	Aug.	0.62	Oct.	0	103	241	18	96	w.
Catawba	York	562	.....	.....	.....	.....	.....	.....	18	47.39	8.89	Aug.	0.97	Oct.	0	80	.....	.....	.....	.....
Chappells	Newberry	402	.....	.....	.....	.....	.....	.....	19	43.27	5.59	Dec.	0.70	Oct.	0	90	.....	.....	.....	.....
Chester	Chester	487	2	.....	98	July 12	18	Feb. 19	2	47.05	8.10	Aug.	1.40	Oct.	0	112	.....	.....	.....	ne.
Clemson College	Oconee	850	29	61.3	96	June 27†	13	Feb. 19	32	56.49	10.98	May	0.45	Sept.	0	107	84	77	184	w.
Columbia	Richland	351	37	64.0	98	Aug. 15	21	Feb. 19	37	34.81	5.47	Aug.	0.70	Oct.	0	117	125	105	35	ne.
Due West	Abbeville	711	10	61.6	96	July 12†	17	Feb. 19	10	51.28	7.77	May	0.44	Oct.	T.	120	102	122	141	sw.
Edgefield	Edgefield	.....	.....	.....	.....	.....	.....	.....	11	45.21	6.21	Mar.	0.42	Oct.	0	84	.....	.....	.....	.....
Gaston Shoals††	Cherokee	680	.....	.....	.....	.....	.....	.....	21	50.33	9.99	Aug.	0.55	June	0	104	.....	.....	.....	.....
Greenville	Greenville	989	40	60.8	96	June 27	16	Feb. 18	40	54.68	11.17	Aug.	0.51	Oct.	T.	124	133	116	116	sw.
Greenwood	Greenwood	671	40	60.8	95	July 13	17	Feb. 18	40	50.13	7.85	Mar.	0.44	Sept.	0	97	.....	.....	.....	.....
Heath Springs	Lancaster	568	22	62.1	97	July 12	19	Feb. 17†	22	44.75	8.18	Aug.	0.96	Oct.	0	80	147	106	112	w.
Kershaw	Kershaw	500	8	62.9	98	July 12	18	Feb. 17†	8	44.13	9.53	Aug.	1.01	Oct.	0	105	202	12	151	w.
Landrum	Spartanburg	1063	9	60.4	97	July 12†	13	Feb. 18	9	61.28	13.45	May	0.98	Oct.	T.	92	178	115	72	w.
Laurens	Laurens	589	6	60.0	94	Aug. 8†	15	Feb. 17†	6	42.76	5.38	Feb.	0.91	Oct.	0	82	127	203	35	.....
Liberty	Pickens	900	24	61.3	97	July 12	15	Feb. 18	24	60.26	10.48	Aug.	0.56	Oct.	0	125	158	126	81	sw.
Little Mountain	Newberry	711	31	64.4	98	Aug. 15	18	Feb. 18†	31	44.16	6.70	Aug.	0.72	June	T.	68	.....	.....	.....	w.
Monetta	Saluda	466	17	.....	.....	.....	18	Feb. 19	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newberry	Newberry	502	20	.....	101	June 27	18	Feb. 19	20	44.53	5.97	Aug.	1.27	Sept.	0	88	223	54	88	w.
Pelzer	Anderson	850	.....	.....	.....	.....	.....	.....	20	58.67	8.99	May	0.44	Oct.	0	104	.....	.....	.....	.....
Saluda	Saluda	536	22	.....	99	Aug. 15	.....	.....	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santuck	Union	512	31	61.4	98	June 27†	13	Feb. 19	31	53.00	7.38	May	1.02	Sept.	T.	114	158	125	82	sw.
Spartanburg	Spartanburg	875	47	61.2	98	June 27†	15	Feb. 18	45	51.75	7.56	Mar.	0.79	June	T.	102	.....	.....	.....	.....
Trenton	Edgefield	620	31	.....	98	July 13	19	Feb. 19	31	41.05	5.29	July	0.91	Oct.	0	69	.....	.....	.....	sw.
Walhalla	Oconee	1061	22	59.8	101	July 12	11	Feb. 18†	24	56.31	10.19	May	0.82	Oct.	T.	125	178	114	73	ne.
Winnsboro	....do	545	30	62.5	99	July 12†	19	Feb. 17†	30	49.86	8.29	Aug.	1.04	Oct.	0	107	165	81	119	ne.
Winthrop College ††	York	690	24	61.8	99	June 27†	16	Feb. 18	24	47.99	7.93	Aug.	0.00	Sept.	0	63	148	176	41	s.
Division means and extremes.		.....	.....	62.0	101	June 27†	11	Feb. 18†	.....	48.47	13.45	May	0.00	Sept.	T.	100	170	90	105	w.
Section means and extremes.		.....	.....	63.1	104	July 5	11	Feb. 18†	.....	46.60	14.30	Aug.	0.00	Sept.	T.	98	176	85	104	sw.

† On other dates also.

** Temperature data are from observed readings of the dry bulb; means are computed from observed readings.

†† Postoffice addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

Monthly and Annual Precipitation for the Year 1923, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
EASTERN PORTION.																										
Allendale	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blackville	2.15	−0.74	5.05	+0.79	5.42	+2.10	1.37	−1.92	6.30	+2.80	2.05	−3.59	4.35	−1.18	7.65	+1.98	4.67	+0.49	0.68	−2.17	1.60	−0.40	4.09	+0.86	45.41	− 0.98
Charleston	2.21	−1.24	1.03	−2.38	2.38	- 1.34	1.06	−1.93	6.30	+2.83	3.58	−1.81	7.23	−0.03	12.29	+5.32	2.11	−3.35	2.69	−1.24	1.79	−1.68	3.91	+0.76	46.58	− 5.49
Cheraw	2.41	−0.49	3.09	−1.00	4.16	+0.57	4.39	+1.45	2.76	−0.74	0.93	−4.32	4.01	−1.24	6.08	−0.52	2.07	−1.50	1.18	−1.63	2.47	+0.36	1.98	−2.16	35.53	−11.11
Conway	2.59	−0.98	2.20	−2.16	5.14	+1.55	1.54	−1.56	6.07	+2.51	1.47	−3.00	6.36	- 0.45	5.76	−1.46	4.30	−0.49	2.28	−0.94	2.25	+0.14	2.67	−0.54	42.73	− 7.68
Darlington	2.67	+0.12	2.29	−1.58	3.92	+0.91	4.00	+0.81	4.92	+1.58	1.08	−4.51	5.42	−0.14	8.29	+2.96	3.65	−0.29	0.84	−2.27	.....	.....	.....	.....	.....	.....
Dillon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.38	+0.22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Effingham	1.89	−1.47	2.02	−2.92	3.76	−0.03	3.07	−0.25	4.12	+0.59	1.03	−4.83	5.06	−0.70	6.35	+0.25	5.09	+1.08	0.87	−2.12	1.24	−0.86	2.59	−0.54	37.49	−11.79
Ferguson	1.56	−2.02	2.96	−0.93	4.47	+1.02	2.87	0.00	4.49	+0.32	1.91	−3.75	3.53	−3.11	11.32	+6.48	3.28	−0.52	1.53	−1.34	2.61	−0.16	4.21	+1.24	44.14	− 4.77
Florence 1	1.53	- 1.27	2.75	−1.40	4.12	+0.95	2.88	+0.05	11.22	+7.52	3.74	−1.53	4.32	−1.53	7.61	+2.06	1.22	−2.87	0.80	−2.26	1.13	−0.96	2.45	−0.50	43.77	− 1.74
Florence 2	2.02	−0.78	2.35	- 1.80	4.16	+1.00	2.95	+0.12	9.92	+6.22	1.40	−3.87	3.82	−2.03	7.20	+1.55	1.76	−2.35	0.71	−2.35	1.23	−0.86	1.56	−1.39	39.68	− 6.43
Garnett	1.40	.....	1.43	.....	6.25	.....	1.49	.....	8.33	.....	5.00	.....	6.19	.....	9.95	.....	4.73	.....	1.44	.....	2.14	.....	4.66	.....	53.01	.....
Georgetown	4.58	+1.18	1.55	−2.59	4.42	+0.91	1.35	−1.98	3.06	−0.38	2.10	−3.47	8.88	+1.44	14.30	+7.50	5.97	+1.81	2.40	−0.78	3.25	+0.90	3.47	+0.62	55.23	+ 4.00
Kingstree	1.79	−1.27	2.31	−1.64	3.93	+0.53	2.11	-0.70	6.07	−2.88	1.48	−3.68	3.40	−3.12	8.27	+1.97	3.66	- 0.44	0.60	−2.25	2.11	+0.06	2.17	−0.88	37.90	− 8.54
Lynchburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.78	.....	6.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meggett	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orangeburg 1	1.29	.....	3.85	.....	4.53	.....	2.47	.....	3.98	.....	3.37	.....	3.70	.....	9.44	.....	2.56	.....	0.82	.....	0.96	.....	4.16	.....	41.07	.....
Orangeburg 2	1.27	.....	3.88	.....	5.08	.....	2.28	.....	4.10	.....	2.92	.....	5.42	.....	7.68	.....	3.02	.....	0.53	.....	1.03	.....	5.10	.....	42.31	.....
Paris Island	3.20	+0.47	0.70	−2.82	3.10	−0.25	0.70	−1.61	6.20	+3.05	5.20	−0.20	4.49	−1.67	8.22	+2.28	1.98	−2.91	1.58	−1.67	1.43	−0.88	4.65	+1.20	40.85	− 5.61
Pinopolis	.....	.....	4.90	+1.37	3.00	−0.62	0.57	−2.40	10.16	+6.50	2.66	−3.07	5.11	−1.51	.....	.....	4.68	+0.10	1.53	−2.51	2.13	−0.31	3.68	+0.70	.....	.....
Rimini	1.65	.....	3.10	.....	4.97	.....	2.25	.....	4.43	.....	2.36	.....	4.50	.....	8.45	.....	4.97	.....	1.75	.....	1.10	.....	3.85	.....	43.28	.....
St. George	0.87	−2.29	1.34	−2.47	4.20	+0.79	1.98	−1.28	6.44	+3.16	3.45	−1.72	8.10	+1.59	6.77	+0.36	2.09	−1.80	2.38	+0.04	1.80	- 0.68	4.58	+1.65	44.60	− 1.59
Society Hill	2.10	−0.90	3.07	- 1.34	4.26	+0.99	3.96	+0.70	7.58	+4.28	1.35	−3.09	5.09	−1.34	12.20	+6.50	4.68	+0.70	1.45	- 1.60	1.91	−0.26	2.53	−0.57	50.18	+ 3.07
Summerville	2.10	−0.96	1.18	−2.97	5.32	+2.00	2.28	−1.13	8.09	+4.77	3.04	−2.72	7.03	+0.37	8.30	+0.88	4.42	+0.08	1.19	−2.28	3.63	+1.35	4.24	+0.89	50.82	+ 0.28
Wedgefield	2.54	−0.88	2.73	−1.42	3.73	+0.17	2.27	−0.79	3.68	+0.35	1.92	−2.97	2.67	−2.35	6.03	+0.12	9.62	+6.15	0.20	−2.65	1.10	−1.12	2.92	−0.27	39.41	− 5.66
Yemassee	1.27	−1.50	1.40	−2.44	5.67	+2.18	1.17	−1.85	11.60	+8.10	4.15	−1.84	5.41	−1.47	6.27	−0.22	3.92	−0.12	2.96	+0.12	2.54	+0.48	5.83	+2.71	52.19	+ 4.17
Division means and departures.	2.05	−0.72	2.39	−1.65	4.36	+0.86	2.31	−0.73	6.17	+2.68	2.51	−2.95	5.17	−1.15	8.28	+1.98	3.80	−0.31	1.38	−1.60	1.95	−0.21	3.56	+0.48	43.93	− 3.59
WESTERN PORTION.																										
Aiken	2.92	+0.66	3.53	−0.52	5.19	+1.23	3.03	−0.06	6.45	+2.99	1.62	−3.12	6.44	+1.60	5.23	−0.20	1.93	−1.45	0.46	−2.17	1.51	−1.06	3.69	+0.68	42.60	− 3.34
Anderson	4.31	+0.38	5.44	+0.31	5.43	+0.83	6.25	+3.07	8.99	+5.95	2.02	−1.73	3.91	−1.13	5.60	+0.27	1.20	−1.79	1.76	−1.02	4.01	+1.31	6.04	+1.17	54.96	+ 7.02
Blairs	2.51	−0.97	4.89	+1.08	5.62	+1.92	3.46	+0.90	5.47	+2.60	2.54	−1.93	2.99	−2.35	4.29	−0.81	1.60	−1.20	1.38	−1.18	3.32	+1.06	4.20	+0.30	42.27	− 0.58
Calhoun Falls	3.30	−0.70	6.25	+0.89	7.74	+2.82	4.15	+0.63	9.71	+5.75	1.53	−3.10	1.15	−4.37	4.86	−0.35	0.63	−3.27	0.12	−2.94	3.41	+1.00	6.31	+1.51	49.16	− 2.13
Camden	2.19	−1.19	3.15	−0.82	5.05	+1.35	2.67	−0.41	2.32	−0.89	3.82	−0.86	4.59	−0.64	10.53	+5.07	4.85	+1.19	0.62	−2.60	1.70	−0.65	3.63	+0.23	45.12	+ 0.58
Catawba	3.26	−0.21	4.54	+0.21	6.38	+2.27	3.60	+0.61	6.24	+2.54	1.09	−3.81	3.34	−3.14	8.89	+3.68	3.22	−0.21	0.97	−2.84	2.68	+0.28	3.18	−0.81	47.39	− 1.23
Chappells	3.74	+0.42	5.14	+1.30	4.98	+1.11	3.76	+1.23	5.25	+2.57	2.85	−1.22	2.11	−3.20	4.55	+0.10	1.30	−1.84	0.70	−1.88	3.30	+1.09	5.59	+1.14	43.27	+ 0.82
Chester	2.23	.....	5.04	.....	6.63	.....	3.08	.....	4.83	.....	1.85	.....	5.47	.....	8.10	.....	1.43	.....	1.40	.....	2.64	.....	4.35	.....	47.05	.....
Clemson College	3.66	−1.26	5.84	+0.56	4.87	−0.10	5.76	+2.05	10.98	+7.37	2.14	−3.04	5.97	+0.70	6.03	+0.77	0.45	−3.51	0.53	−2.85	3.66	+0.92	6.60	+1.38	56.49	+ 2.90
Columbia	2.54	−0.75	2.83	−1.76	3.30	−0.40	2.17	−0.69	2.97	−0.22	5.27	+1.09	2.37	−3.69	5.47	−1.31	3.13	−0.32	0.70	−2.15	1.34	−0.89	2.72	−0.18	34.81	−11.27
Due West	3.12	.....	5.74	.....	6.34	.....	4.95	.....	7.77	.....	6.48	.....	3.15	.....	3.15	.....	1.54	.....	0.44	.....	3.46	.....	5.14	.....	51.28	.....
Edgefield	3.95	.....	5.56	.....	6.21	.....	4.20	.....	4.39	.....	1.16	.....	4.54	.....	5.65	.....	1.71	.....	0.42	.....	2.67	.....	4.75	.....	45.21	.....
Gaston Shoals	4.77	+0.81	4.01	−0.10	6.13	+1.37	4.03	+0.74	5.96	+2.78	0.55	−1.76	3.41	−1.29	9.99	+4.58	1.42	−1.75	1.79	−1.15	4.88	+2.20	3.39	−1.15	50.33	+ 5.28
Greenville	2.68	−0.75	4.62	- 0.63	5.81	+0.42	5.77	+2.12	5.79	+1.48	1.73	−3.26	6.21	+0.64	11.17	+5.29	1.41	−2.38	0.51	−2.69	4.39	+1.29	4.59	−0.19	54.68	+ 0.16
Greenwood	3.62	−0.16	6.06	+1.34	7.85	+3.83	4.13	+0.24	7.80	+4.25	2.09	−2.47	2.85	−2.42	6.23	+1.14	0.44	−3.22	0.85	−1.99	2.85	−0.25	5.26	+0.83	50.13	+ 2.53
Heath Spring	2.13	−1.46	3.66	−0.14	5.04	+1.55	4.30	+1.26	4.16	+0.99	2.50	−2.70	3.04	−1.85	8.18	+2.68	6.15	+3.16	0.96	−1.49	2.65	−0.04	1.98	−1.75	44.75	+ 0.71
Kershaw	2.98	.....	3.55	.....	3.79	.....	2.73	.....	3.79	.....	2.21	.....	5.08	.....	9.53	.....	4.25	.....	1.01	.....	2.43	.....	2.83	.....	44.13	.....
Landrum	4.71	.....	4.33	.....	6.41	.....	4.81	.....	13.45	.....	2.78	.....	3.11	.....	8.82	.....	1.85	.....	0.98	.....	4.54	.....	5.49	.....	61.28	.....
Laurens	3.37	.....	5.38	.....	3.97	.....	5.05	.....	3.90	.....	3.81	.....	3.28	.....	3.57	.....	0.95	.....	0.91	.....	3.76	.....	4.81	.....	42.76	.....
Leesville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.69	.....	5.21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liberty	2.54	−2.36	6.21	+0.61	6.70	+1.23	5.30	−0.58	10.32	+5.99	2.35	−2.84	3.19	- 2.57	10.48	+3.97	0.55	−3.46	0.56	−3.29	5.70	+2.87	6.36	+0.11	60.26	− 0.32
Little Mountain	3.48	+0.10	4.37	−0.10	4.26	+0.60	4.60	+1.52	6.01	+3.09	0.72	−3 54	3.18	−1.70	6.70	+1.52	2.48	−0.36	1.45	−1.45	2.62	+0.26	4.29	+1.00	44.16	+ 0.94
Monetta	2.88	−0.50	5.03	+0.56	4.93	+0.88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newberry	4.10	+0.21	5.20	+1.01	5.31	+1.52	4.50	+1.68	3.19	−0.07	2.46	−1.76	1.86	−3.29	5.97	+0.41	1.27	−1.60	1.74	−0.82	3.64	+1.08	5.29	+0.98	44.52	− 0.45
Pelzer	4.00	−0.38	5.68	+1.06	7.24	+2.46	5.46	+1.72	8.99	+5.04	1.40	−2.85	7.66	+1.67	6.84	+2.01	1.42	−2.02	0.44	−3.06	4.62	+2.05	4.92	−0.46	58.67	+ 7.24
Saluda	.....	.....	.....	.....	6.45	+2.44	.....	.....	.....	.....	.....	.....	2.41	−2.68	4.94	−0.40	1.81	−1.27	1.40	−1.63	3.21	+0.85	4.55	+0.65	.....	.....
Santuck	4.00	+0.30	5.99	+1.20	6.41	+1.88	5.01	+1.79	7.38	+4.32	1.44	−2.62	4.94	−0.17	6.57	+0.84	1.02	−2.24	1.39	−1.85	4.18	+1.44	4.67	+0.51	53.00	+ 5.50
Spartanburg	3.96	+0.15	4.57	−0.01	7.56	+2.78	4.98	+1.90	4.99	+0.90	0.79	−3.89	7.17	+2.48	6.55	+0.96	1.11	−2.17	1.19	−1.62	4.83	+2.00	4.05	−0.19	51.75	+ 3.19
Trenton	3.64	+0.31	4.43	−0.66	4.73	+0.44	3.91	+0.56	5.05	+1.94	1.53	−3.08	5.29	+0.19	4.19	−1.68	1.47	−1.71	0.91	−2.18	2.08	−0.30	3.82	+0.02	41.05	− 6.53
Walhalla	3.68	−1.11	4.73	−0.57	5.35	−1.24	4.92	+0.87	10.19	+6.43	1.86	−3.43	3.98	−2.44	8.63	+2.36	1.87	−3.20	0.82	−2.66	4.54	+1.66	5.74	+0.67	56.31	− 3.46
Winnsboro	3.58	+0.20	4.63	+0.29	4.48	+0.49	4.65	+1.97	7.76	+4.67	1.48	−2.91	5.13	+0.24	8.29	+2.95	2.06	−1.28	1.04	−1.05	3.28	+1.19	3.46	+0.05	49.86	+ 5.80
Winthrop College	2.70	−0.81	4.68	+0.62	5.86	+1.99	4.25	+1.23	8.42	+4.22	0.60	−4.54	5.25	−0.31	7.93	+2.24	0.00	−3.02	1.30	−1.55	3.23	+1.04	3.77	−0.48	47.99	+ 0.53
Division means and departures.	3.22	−0.44	4.84	+0.23	5.68	+1.32	4.33	+1.06	6.64	+3.25	2.16	−2.45	4.03	−1.32	6.85	+1.45	1.88	−2.00	0.96	−2.07	3.37	+0.86	4.51	+0.23	48.47	+ 0.62
Section means and departures.	2.74	−0.70	3.83	−0.58	5.14	+1.16	3.48	+0.50	6.44	+2.78	2.31	−2.52	4.50	−1.44	7.44	+1.35	2.67	−1.15	1.14	−1.89	2.79	+0.52	4.12	+0.70	46.66	− 1.26

The departures from the normal precipitation are computed only for such stations as have ten or more years of record.

Monthly and Annual Mean Temperatures for the Year 1923, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
EASTERN PORTION.																										
Allendale	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77.8	−1.4	78.7	−2.8	79.7	−0.8	75.8	+0.2	62.6	−1.4	51.4	−4.2	53.5	+6.1	.....	.....
Blackville	50.5	+3.0	46.8	−1.2	.....	.....	62.2	−2.2	70.2	−3.1	77.8	−1.4	78.7	−2.8	79.7	−0.8	75.8	+0.2	62.6	−1.4	51.4	−4.2	53.5	+6.1	.....	.....
Charleston	53.7	+3.8	50.5	−1.9	59.6	+2.2	64.4	−0.1	70.7	−2.0	78.6	−0.3	80.1	−1.3	81.8	+0.8	77.8	+1.2	66.4	−1.4	55.0	−3.1	56.9	+5.2	66.3	+0.3
Cheraw	48.1	+4.4	44.0	−1.0	55.0	+1.6	60.9	−0.6	68.4	−2.3	79.1	+1.9	81.3	+1.4	80.4	+1.8	77.2	+4.1	63.4	+1.2	[a]50.0	−2.2	51.4	+7.6	63.3	+1.5
Conway	52.1	+4.1	47.2	−0.6	58.9	+2.6	62.6	0.0	69.4	−1.5	77.1	+0.3	79.4	−0.4	80.4	+1.2	75.8	+1.6	63.2	−1.7	53.0	−1.2	55.0	+7.5	64.5	+1.0
Darlington	48.2	+2.7	44.6	−0.7	57.0	+1.6	61.4	−0.5	68.2	−3.0	77.6	+0.8	[b]79.8	−0.1	79.2	+0.3	74 9	+ 0.9	[c]61.8	−1.9	.....	.....	.....	.....	.....	.....
Ferguson	[c]48.3	+1.0	47.7	−0.1	58.3	+2.3	62.7	+0.6	68.4	−2.8	77.2	+0.2	79.4	0.0	80.4	+2.0	75.4	+1.4	61.8	−2.6	51.8	−3.3	51.9	+3.9	63.6	+0.2
Florence 1	[f]51.4	+6.1	46.6	+0.5	58.2	+2.8	62.7	+0.1	70.2	−2.0	78.6	+0.2	80.6	−0.6	81.8	+1.6	77.8	+3.2	64.7	+0.6	53.0	−0.9	52.6	+7.7	64.8	+1.6
Garnett	53.6	.....	[b]51.8	.....	60.4	.....	65.9	.....	70.9	.....	[c]78.2	.....	80.6	.....	[f]82.2	.....	78.4	.....	[b]65.8	.....	[f]54.5	.....	56.8	.....	66.6	.....
Georgetown	53.6	+4.8	50.0	+0.9	59.2	+1.7	63.0	−0.5	69.6	−2.6	78.2	−0.2	80.0	−0.5	80.2	−0.2	75.9	0.0	63.4	−2.9	52.4	−3.7	53.8	+4.9	64.9	+0.1
Kingstree	52.0	+4.3	48.8	+1.3	58.2	+1.6	63.0	−0.2	69.4	−2.4	77.9	−0.1	80.4	−0.2	80.2	+0.7	76.1	+1.8	63.7	−0.8	53.6	−1.1	56.4	+9.1	65.0	+1.2
Meggett	.....	.....	.....	.....	.....	.....	.....	.....	[c]71.9	.....	79.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orangeburg 1	51.8	.....	48.7	.....	59.1	.....	63.2	.....	69.4	.....	77.6	.....	79.4	.....	80.7	.....	76.0	.....	63.6	.....	51.2	.....	52.5	.....	64.4	.....
Paris Island	[c]53.0	+1.4	51.9	+0.8	59.8	+1.4	65.3	+0.3	71.4	−2.1	78.6	−0.4	80.3	−1.1	81.0	−0.1	78.8	+6.6	67.4	−0.4	55.8	−2.9	57.8	+5.8	66.8	+0.4
Pinopolis	.....	.....	49.2	+0.8	57.8	+1.3	61.2	−0.9	66.4	− 4.2	75.0	− 1.1	77.8	− 0.2	.....	.....	.....	.....	61.2	−3.2	50.4	−4.0	54.5	+7.3	.....	.....
St. George	[d]51.8	+4.3	48.4	+0.2	58.4	+1.7	63.7	−0.5	69.4	−3.4	77.1	−1.4	79.7	−1.1	80.8	+0.8	77.3	+2.4	64.4	−0.8	53.1	−2.5	[c]54.4	+6.6	64.9	+0.5
Society Hill	46.6	+2.5	42.9	−1.9	55.8	+1.1	60.7	−1.1	68.2	−2.6	77.6	+0.7	81.2	+1.8	80.5	+2.0	75.9	+2.8	[c]61.6	−1.0	51.1	−1.1	[a]51.3	+6.5	62.8	+0.8
Summerville	52.6	+3.2	49.8	+0.3	59.0	+0.8	64.0	+0.5	69.6	−2.3	77.4	+0.1	79.3	−0.1	80.7	+1.3	76 6	+1.9	65.2	−0 5	53.2	−2.4	55.9	+7.0	65.3	+0.8
Wedgefield	52 0	+6.1	48.2	−0.1	59.0	+3.5	63.2	+0.8	69.9	−1.3	77.8	+0.6	80.6	−1.4	80.2	+2.4	76.6	+2 7	64.0	+0.3	53.0	−0.9	54.7	+7.2	64.9	+1.9
Yemassee	53.8	+5.5	51.4	+2.4	59.8	+2.0	64.8	+1.0	69.8	−2.8	76.7	−2 2	79.0	−1.8	80.6	+0.6	77.0	+1.7	64.8	−0.8	53.4	−2.1	56.0	+8.1	65.6	+1.0
Division means and departures.	51.4	+3.6	45.6	−2.4	58.4	+1.8	63.2	+0.2	69.7	−2.1	77.8	+0.1	80.0	−0.4	80.6	+1.1	76.8	+1.4	63.8	−1.0	52.7	−2.0	54.4	+5.2	64.5	+0.5
WESTERN PORTION.																										
Aiken	[c]52.0	+5.9	[f]46.8	−3.2	58.9	+3.7	63.7	+0.7	69.4	−2.0	77.8	+0.2	79.4	−0.7	[a]79.8	+1.0	77.0	+2.8	64.4	+0.6	52.4	−1.7	55.6	+8.3	64.8	+1.4
Anderson	46.8	+2.5	44.6	−0.1	54.4	+0.4	60.4	−1.0	65.8	−4.6	76.1	+0.5	78.5	−1.1	78.4	0.0	75.1	+1.4	63.2	−0.2	50.7	−2.1	50.4	+6.6	62.0	+0.2
Calhoun Falls	45.6	.....	42.7	.....	[c]53.6	.....	59.0	.....	66.1	.....	76.4	.....	78.8	.....	78.9	.....	75.3	.....	62.4	.....	48.5	.....	50.6	.....	61.4	.....
Camden	48.3	+2.1	43.5	−4.3	56.5	+2.2	60.9	−1.6	69.6	+0.1	79.3	+1.6	81.8	+1.8	80.8	+1.9	77.2	+3.4	63.6	+1.0	51.1	−0.9	51.4	+3.3	63.7	+0.9
Chester	.....	.....	44.6	.....	[f]52.2	.....	60.1	.....	66.2	.....	77.3	.....	78.8	.....	[f]77.5	.....	74.8	.....	66.0	.....	49.5	.....	51.1	.....	.....	.....
Clemson College	46.4	+3.8	44.7	+1.5	[f]53 2	+0.8	[a]59.9	+0.3	65.2	−3.7	74.7	−0.6	77.1	−0.6	76.2	−1.2	74.3	+2.1	62.2	+0.6	50.0	−0.7	[a]51.2	+8.5	61.3	+0.9
Columbia	50.5	+5.4	46.3	−1.5	56.8	+2.8	62.2	−0.6	69.1	−2.7	77.8	−0.4	79.8	−1.3	80.0	+0.5	76.3	+2.6	63.4	−0.6	51.9	−1.9	54.1	+6.9	64.0	+0.8
Due West	47.0	.....	43.7	.....	54.0	.....	60.0	.....	66.2	.....	76.2	.....	78.4	.....	78.1	.....	74.3	.....	62.2	.....	49.5	.....	49.3	.....	61.6	.....
Greenville	45.6	+4.6	43.2	+1.8	53.0	+2.4	58.6	+0.1	65.0	−2.7	75.8	+1.4	77.2	+0.1	76.7	+1.0	73.4	+2.5	61.4	+1.1	49.6	−0.4	50.0	+8.8	60.8	+1.7
Greenwood	45.8	+2.9	42.8	−0.7	53.5	+0.8	59.4	+0.9	65.2	−5.7	74.8	−1.8	77.4	−2.2	77.2	−1.2	73.3	+0.2	61.6	−0.6	49.2	−2.8	49.8	+6.8	60.8	−0.6
Heath Springs	48.4	+5.0	45.3	+2.3	55.8	+2.4	60.2	−0.2	66.2	−4.0	76.4	0.0	78.4	−1.0	78.2	−0.6	73.2	+0.1	61.7	−0.7	50.6	−1.3	50.4	+8.2	62.1	+0.9
Kershaw	49.0	.....	45.7	.....	[d]55.6	.....	61.2	.....	68.0	.....	77.4	.....	78.6	.....	79.2	.....	74.6	.....	62.2	.....	50.8	.....	52.5	.....	62.9	.....
Landrum	[b]44.8	.....	42.7	.....	50.7	.....	57.0	.....	65.3	.....	75.6	.....	77.4	.....	[b]77.0	.....	74.2	.....	59.2	.....	47.4	.....	[b]49.2	.....	60.0	.....
Laurens	[b]43.8	.....	42.4	.....	[a]52.7	.....	57.6	.....	[a]64.0	.....	75.6	.....	[a]77.3	.....	77.5	.....	[f]73.2	.....	59.2	.....	47.4	.....	[b]49.2	.....	60.0	.....
Liberty	45.6	+2.7	43.4	0.0	52.9	+0.2	60.0	−0.6	66.4	−3.7	76.0	−0.3	77.8	−1.2	77.6	−0.4	74.3	+1.8	61.8	−0.2	49.2	−1.7	51.0	+8.2	61.3	+0.4
Little Mountain	48.6	+3.1	44.8	−1.0	[c]55.7	+0.3	59.7	−2.1	66.7	−5.2	76.4	−1.4	78.6	−1.7	[f]79.2	−0.1	74.8	+0.1	62.2	−2.2	[b]49.5	−4.4	52.9	+7.3	64.4	+1.4
Monetta	51.2	+1.1	47.0	−0.9	57.0	+0.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76.2	+2.0	63.0	−0.6	50.4	−1.9	52.8	+8.5	.....	.....
Newberry	48.4	+3.6	45.1	−0.2	[c]57.8	+3.2	60 8	−1.4	69.2	−2.0	78.8	+0.6	.....	.....	.....	.....	79.9	+0.7	75.4	+1.3	60.7	−2.9	49.7	−3.0	52.0	+6.6
Saluda	.....	.....	.....	.....	57.6	+1.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74.6	+1.4	61.0	−1.1	48.5	−2.7	50.9	+7.8	61.4	+0.2
Santuck	45.8	+2.7	43.0	−0.2	53.4	+0.2	59.0	−1.4	66.4	−3.9	77.0	+0.3	78.8	−0.8	78.5	0.0	74.6	+1.4	61.0	−1.1	48.5	−2.7	50.9	+7.8	61.4	+0.2
Spartanburg	45.0	+3.4	43.1	+0.3	53.4	+2.3	59.4	−0.7	67.1	−2.3	77.6	+1.6	78.4	−0.7	78.0	+0.5	74.3	+2.3	60.4	−0.7	48.4	−2.3	48.8	+6.9	61.2	+0.9
Trenton	[f]50.7	+4.1	[a]45.2	−1.0	.....	.....	62.2	−0.5	67.8	−4.3	76.5	−1.7	78.7	−1.5	78.1	−1.4	75.3	+0.5	[c]64.7	−2.4	[c]52.4	−2.6	[c]52.8	+5.7	.....	.....
Walhalla	45.0	+2.8	43.0	−0.1	51.3	0.0	57.5	−0.8	63.6	−3.7	74.4	−0.3	77.0	0.0	76.2	−0.2	72.8	+2.0	60.0	−0.8	[c]48.6	−2.2	48.6	+5.3	59.8	+0.1
Winnsboro	[b]48.0	+3.8	[d]43.8	−1.3	[c]55.1	+1.6	[f]60.6	−0.5	67.8	−3.2	[c]77.8	+1.1	79.4	−0.2	[b]79.1	+1.0	75.2	+2.0	[b]62.1	−0.3	[c]50.3	−2.6	[b]50.9	+8.2	62.5	+0.8
Winthrop College	46.4	+2.9	43.2	−0.2	54.3	+1.0	59.4	−1.4	67.6	−2.5	77.2	+1.1	78.4	−0.7	78.0	−0.4	74.4	+1.8	62.4	0.0	49.2	−2.5	51.1	+8.1	61.8	+0.6
Division means and departures.	47.3	+3.1	44.2	−0.7	54.6	+0.9	59.9	−1.2	66.7	−3.7	76.6	−0.1	78.5	-0.8	78.3	0.0	74.7	+1.5	62.2	−0.4	49.9	−2 3	51.1	+6.9	62.0	+0.2
Section means and departures.	49.0	+3.4	44.8	−2.3	56.2	+1.2	61.5	−0.9	68.0	−3.1	77.1	−0.4	79.0	−0.8	79 3	+0.5	75.5	+1.2	62.9	−0.7	51.1	−2.7	52.5	+5.9	63.1	+0.1

The departures from the normal temperature are computed only for such stations as have ten or more years of record.
Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

(CONTINUED FROM PAGE 49.)

WEATHER BY MONTHS.

January.—Mild, open weather prevailed, and precipitation was below normal. A severe glazestorm, with ice 1.0 to 3.5 inches thick on exposed objects, occurred in the northwestern counties on the 23d and 24th, accompanied by a few snow flurries. The Santee River was in flood most of the month.

February.—Temperature and precipitation were below normal. The hardest freeze of the winter occurred between the 15th and 20th. A glazestorm, with ice of Trace to 0.5 inch in thickness, occurred up-State on the 6th, and snow flurries in the middle and western sections on the 6th, 17th and 18th. Freshets occurred in several streams on the 6th and 7th and in the Santee River throughout the month.

March.—Stormy and changeable weather prevailed, with temperature and precipitation above normal. Damage of about $40,000 resulted from lightning and wind squalls in some northwestern counties. Snow flurries occurred in Laurens County on the 20th. The highest flood crests of the winter and spring were reached in the various streams between the 12th and 19th.

April.—The weather was very changeable, with unusually low temperatures during the first few days, and the lowest April minimum of record. Precipitation was somewhat above normal. A small tornado near Greenville on the 13th caused damage estimated at $1,000. There was one death by lightning. Severe hailstorms and wind squalls occurred on the 4th, 13th, and 14th. The Santee River was near or above flood stages during the month.

May.—The month was marked by the greatest average May

cloudiness of record, with intermittent and badly distributed rains and temperature below the seasonal average. Severe thunderstorms, hailstorms, and wind squalls caused damage estimated at $20,000 to $40,000. Moderate freshets in various streams occurred at frequent intervals.

June.—Temperature was somewhat below normal, and precipitation much below the average. There were three deaths by lightning, and approximately $6,000 property damage. The Santee River was in flood until the 13th.

July.—Thermal conditions were near the seasonal average, and precipitation much below normal. A severe hailstorm occurred in Oconee County. The various streams were unusually low.

August.—Precipitation was much above the average, and temperature near normal. There was one death by lightning. The property damage by lightning at St. Matthews on the 16th was estimated at $25,000. Several moderate freshets occurred in the various streams.

September.—Temperatures ranged somewhat above and precipitation considerabiy below normal. The various streams were unusually low.

October.—Prolonged drought materially reduced hydroelectric power in the various up-State streams. Temperatures averaged somewhat below normal.

November.—The month was abnormally cool. While precipitation averaged above normal, on the whole, drought persisted between the first and last weeks. The rivers continued very low generally.

December.—The month was the mildest December since 1889, and precipitation was considerably above normal. Moderate freshets occurred up-State between the 5th and 9th, and the Santee River was near or above flood from the 7th to the 28th.

COMPARATIVE DATA FOR SOUTH CAROLINA.

Year.	Temperature.			Precipitation		Average number of days.			Prevailing wind direction.
	Mean.	Highest.	Lowest.	Average.	Average days with 0.01 inch or more.	Clear.	Partly Cloudy.	Cloudy.	
1887	62.3	110	5	43.43	101	.....	.....	.....	.....
1888	61.8	108	13	54.63	104	.....	.....	.....	sw.
1889	62.0	102	10	46.76	86	.....	.....	.....	se. †
1890	64.4	104	11	42.29	.....	.....	.....	.....	sw.
1891	63.0	.....	13	47.52	.....	.....	.....	.....	.....
1892	62.4	102	6	47.36	.....	.....	.....	.....	.....
1893	63.0	104	3	53.68	98	.....	.....	.....	sw.
1894	63.5	105	− 1	50.49	105	154	123	88	sw.
1895	61.9	105	− 6	48.99	88	154	116	95	sw.
1896	63.9	104	5	44.95	86	163	119	84	sw.
1897	63.3	107	3	46.40	99	158	102	105	sw.
1898	63.2	106	8	49.26	107	143	111	111	sw.
1899	62.8	105	−11	46.76	95	158	104	103	sw.
1900	63.2	106	1	49.79	96	167	99	99	sw.
1901	61.1	102	2	54.98	106	167	102	96	sw.
1902	62.6	107	10	46.43	98	172	99	94	sw.
1903	62.2	105	10	50.87	103	166	95	104	sw.
1904	61.7	105	8	40.98	95	188	87	91	sw. †
1905	62.6	107	0	45.10	92	169	85	111	sw. †
1906	63.3	102	11	54.81	107	159	103	93	sw.
1907	63.3	106	12	47.79	99	157	123	75	sw.
1908	63.7	100	12	53.33	94	169	114	83	sw.
1909	63.4	105	7	44.61	91	178	113	73	sw.
1910	62.7	103	11	45.31	91	181	111	73	sw.
1911	64.9	106	16	39.80	91	161	120	84	sw.
1912	62.5	109	6	54.32	102	177	70	119	sw.
1913	63.8	109	16	47.57	93	181	81	103	sw.
1914	62.5	108	11	43.39	96	163	110	92	w.
1915	62.9	106	17	48.89	93	190	92	83	w.
1916	63.4	103	10	43.91	93	184	97	85	sw.
1917	61.4	102	− 5	43.49	97	192	85	88	sw.
1918	63.2	106	− 2	46.48	94	186	85	94	sw.
1919	64.1	103	8	46.79	88	189	88	88	ne.
1920	61.9	105	6	52.24	93	183	83	100	ne.
1921	64.8	104	17	42.83	90	178	97	90	w.
1922	64.0	101	14	58.17	112	163	91	111	ne.
1923	63.1	104	11	46.60	98	176	85	104	sw.
Annual	63.0	110	−11	47.86	96	171	100	94	sw. †

† Also other directions.

MONTHLY AND ANNUAL CLIMATOLOGICAL DATA FOR SOUTH CAROLINA, YEAR 1923.

Months.	Temperature.				Precipitation.			Relative humidity.		Percentage of possible sunshine.	Number of days.				Wind.	
	Mean.	Departures.	Highest.	Lowest.	Average.	Departures.	Greatest local monthly amount.	Average—8 a. m.	Average—Noon.	Average—8 p. m.	Rainy.	Clear.	Partly Cloudy.	Cloudy.	Average hourly velocity.	Prevailing direction.
January	49.0	+3.4	80	20	2.74	−0.70	4.77	80	60	67	63	6	17	5	9	8.8	w.
February	44.8	−2.3	82	11	3.83	−0.58	6.25	78	62	66	55	8	14	4	10	8.8	w.
March	56.2	+1.2	88	17	5.14	+1.16	7.85	76	57	65	60	9	15	6	10	9.8	sw.
April	61.5	−0.9	94	18	3.48	+0.50	6.25	76	55	65	63	9	15	7	8	8.4	w.
May	68.0	−3.1	94	31	6.44	+2.78	13.45	80	60	71	55	12	12	7	12	8.2	e.
June	77.1	−0.4	101	46	2.31	−2.52	6.48	79	55	69	69	8	16	9	5	7.3	w.
July	79.0	−0.8	104	57	4.50	−1.44	8.88	82	58	72	62	9	15	8	8	6.8	sw.
August	79.3	+0.5	101	54	7.44	+1.35	14.30	86	63	79	61	12	11	11	9	6.0	sw.
September	75.5	+1.2	99	50	2.67	−1.15	9.62	86	59	75	68	6	16	9	5	6.3	ne.
October	62.9	−0.7	90	29	1.14	−1.89	2.96	82	56	69	66	4	18	6	7	7.2	ne.
November	51.1	−2.7	82	21	2.79	+0.52	5.70	81	58	67	61	6	16	5	9	8.0	ne.
December	52.5	+5.9	79	23	4.12	+0.70	3.29	87	68	76	43	9	11	8	12	8.2	sw.
Annual	63.1	*+0.1	104	11	46.60	*−1.26	14.30	81	59	70	60	98	176	85	104	7.8	w. sw.

* From 37-year averages.

KILLING FROST OR FREEZING TEMPERATURE DATES AND GROWING DAYS.

Stations.	1923.		Averages—all records.		
	Last in spring.	First in autumn.	Last spring date.	First autumn date.	No. of growing days.
EASTERN PORTION.					
Blackville	Apr. 1	Nov. 9	Mch. 20	Nov. 12	237
Charleston	Feb. 19	Jan. 6*	Feb. 20	Dec. 10	293
Cheraw	Apr. 2	Nov. 9	Mch. 29	Nov. 3	219
Conway	Apr. 1	Nov. 10	Mch. 23	Nov. 8	230
Darlington	Apr. 2	.....	Mch. 31	Nov. 2	216
Ferguson	Apr. 2	Nov. 9	Mch. 28	Nov. 7	224
Florence No. 1	Apr. 2	Nov. 9	Mch. 23	Nov. 11	233
Garnett	Mch. 20	Nov. 10	.....	.....	.....
Georgetown	Apr. 1	Nov. 9	Mch. 10	Nov. 18	253
Kingstree	Apr. 2	Nov. 10	Mch. 16	Nov. 15	244
Orangeburg No. 1	Apr. 1	Nov. 9	.....	.....	.....
Paris Island	Mch. 20	Jan. 6*	Feb. 24	Dec. 1	280
Pinopolis	Mch. 20	Nov. 10	Mch. 6	Nov. 26	265
St. George	Apr. 1	Nov. 10	Mch. 11	Nov. 13	247
Society Hill	Apr. 10	Nov. 8	Mch. 22	Nov. 8	231
Summerville	Apr. 1	Nov. 10	Mch. 15	Nov. 14	244
Wedgefield	Apr. 1	Nov. 9	Mch. 22	Nov. 19	242
Yemassee	Mch. 20	Nov. 9	Mch. 13	Nov. 12	244
Normal	.....	.....	Mch. 17	Nov. 13	241
Averages for 1923	Mch. 27	Nov. 16	.....	.....	232
WESTERN PORTION.					
Aiken	Apr. 1	Nov. 10	Mch. 16	Nov. 18	247
Anderson	Apr. 2	Nov. 9	Mch. 27	Nov. 5	223
Calhoun Falls	Apr. 3	Nov. 9	.....	.....	.....
Camden	Apr. 10	Nov. 9	Mch. 11	Nov. 11	245
Chester	Apr. 2	Nov. 8	.....	.....	.....
Clemson College	Apr. 2	Nov. 9	Apr. 2	Nov. 3	215
Columbia	Apr. 1	Nov. 9	Mch. 18	Nov. 18	245
Due West	Apr. 2	Nov. 9	Mch. 21	Nov. 10	234
Greenville	Apr. 2	Nov. 10	Apr. 3	Nov. 2	213
Greenwood	Apr. 2	Nov. 9	Mch. 25	Nov. 8	228
Heath Springs	Apr. 2	Nov. 9	Mch. 29	Nov. 4	220
Kershaw	Apr. 2	Nov. 9	.....	.....	.....
Landrum	Apr. 10	Nov. 9	.....	.....	.....
Laurens	Apr. 2	Oct. 25	.....	.....	.....
Liberty	Apr. 2	Nov. 9	Mch. 31	Nov. 2	216
Little Mountain	Apr. 2	Nov. 9	Mch. 25	Nov. 11	231
Newberry	Apr. 2	Nov. 9	Mch. 30	Nov. 4	219
Saluda	Apr. 2	Oct. 25	Apr. 5	Oct. 26	204
Santuck	Apr. 10	Nov. 8	Apr. 3	Oct. 31	211
Spartanburg	Apr. 2	Nov. 1	Mch. 30	Nov. 1	216
Trenton	Apr. 2	Nov. 9	Mch. 21	Nov. 14	238
Walhalla	Apr. 2	Oct. 25	Apr. 8	Oct. 29	204
Wiunsboro	Apr. 2	Nov. 9	Mch. 27	Nov. 12	230
Winthrop College	Apr. 3	Nov. 9	Mch. 29	Nov. 5	221
Normal	.....	.....	Mch. 27	Nov. 7	225
Averages for 1923	Apr. 3	Nov. 7	.....	.....	218
Section Normal	.....	.....	Mch. 23	Nov. 10	232
Section averages for 1923	Mch. 31	Nov. 11	.....	.....	225

NOTE.—Killing frost data in above table determined according to the following standard: Last or first clear or partly cloudy day with temperature of 32° or lower and last or first cloudy day with 31° or lower, but without rain, sleet or snow; in case of precipitation, then the next preceding or succeeding day with proper temperature and weather was used. The average number of growing days is the difference between the average spring and autumn killing frost dates. *1924.

MAP SHOWING LOCATION OF OBSERVATION STATIONS.

KEY TO SYMBOLS.

⊙ Meteorological observations. (Regular Weather Bureau Stations, including Greenville.)

○ Meteorological observations. (Sub stations.)

ANSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., JANUARY, 1924. No. 1.

GENERAL SUMMARY.

Temperatures ranged considerably below the seasonal average, with rather rapid thermal changes, and two marked cold waves, that of the 5-7th being the most severe since the winter of 1918. Precipitation was above normal.

Two severe cold waves about the 5th and 22d caused serious damage to oats and destroyed practically the entire commercial truck crop, but wheat and rye did not suffer material injury. Truckers and planters began replanting as soon as possible in order to recoup losses. However, the weather was beneficial to fruit in checking abnormal development, as this crop had begun to show the effects of previous mild weather. Intermittent rains and wet soil materially delayed winter plowing and necessary replanting. Hog killing made good progress.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.24 inches. The highest pressure was 30.90 inches at Asheville, N. C., on the 6th, and in the Section proper, 30.85 inches at Due West on the same date; the lowest pressure was 29.51 inches at Charlotte, N. C., on the 16th, and in the Section proper, 29.57 inches at Greenville on the 11th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 43.3°, or 2.3° below the normal. The highest temperature was 76° at Georgetown and Yemassee on the 3d. There were six warm periods, the warmest being on the 9th and 10th. The lowest temperature was 1° above zero at Landrum on the 6th. There were five short cold periods, the coldest being from the 5th to the 8th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 79%; noon, 62%; 8 p. m., 68%. The highest percentages occurred along the coast and in the Savannah drainage basin, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 4.34 inches, or 0.88 inch above the normal. The monthly amounts were fairly well distributed, with over 4 inches in the Piedmont and a considerable area of the northern coastal plain, while in a small section of the lower coastal plain the measurements were below 3 inches. The greatest local monthly amount was 6.20 inches at Walhalla, and the least local monthly amount was 2.94 inches at Pinopolis. The greatest amount during any 24 hours was 2.17 inches at Santuck on the 16th. There was no snowfall during the month. Sleet occurred at Liberty and Little Mountain on the 2d. The number of rainy days was 12% above normal.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 8.3 miles. The highest average velocity was 12.0 miles per hour at Savannah, Ga., and in the Section proper, 10.4 miles per hour at Charleston; the lowest average velocity was 5.3 miles per hour at Charlotte, N. C., and in the Section proper, 6.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 46 miles per hour at Asheville, N. C., from the south on the 10th, and in the Section proper, 40 miles per hour from the southwest at Charleston on the 16th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 174.2 hours, or 55% of the possible amount. The average number of clear days was 16; partly cloudy, 4, and cloudy, 11, as against normals of 13, 7, and 11 days, respectively.

RIVER CONDITIONS.

Freshet conditions prevailed in the up-State streams between the 16th and 19th and again in the northwestern streams on the 25th and 26th. The Santee River was in flood after the 17th, and the Pee Dee was near or above flood stage at Mars Bluff after the 19th.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 23; Due West, 12, 17, 20, 23, 26; Greenville, 12, 13, 23; Walhalla, 12, 13, 15, 16, 17, 23. *Solar:* Columbia, 19, 23, 26, 28; Due West, 23, 28; Greenville, 5, 23, 25.

Fog, dense.—Charleston, 3, 9; Columbia, 3, 10, 20; Due West, 3; Garnett, 3; Greenville, 17; Liberty, 3, 17; Paris Island, 3; Rimini, 3, 17; Saluda, 2, 3; Spartanburg, 17.

ERRATA.

DECEMBER, 1923.—Due West, minimum temperature, 21st, page 48, should be 54.

MISCELLANEOUS DATA FOR JANUARY, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.28	33.6	60	−5	3.74	1.62	10.7	nw	82	54	64	63
Augusta, Ga.	30.24	44.4	72	12	4.26	1.91	5.5	nw.	86	66	72	59
Charleston, S. C.	30.22	48.9	71	17	3.24	1.21	10.4	ne.	78	65	75	44
Charlotte, N. C.	30.22	35.9	67	5	3.98	1.77	5.3	n.	74	62	61	57
Columbia, S. C.	30.25	43.7	69	10	3.37	1.22	6.6	ne.	79	65	66	56
Due West, S. C.	30.26	43.4	66	7	5.01	1.93	8.9	ne.	80	59	...	59
Greenville, S. C.	30.21	39.2	65	5	5.69	1.56	8.1	ne	75	60	61	59
Savannah, Ga.	30.22	49.5	76	20	2.78	1.02	12.0	nw.	80	64	72	46
Wilmington, N. C.	30.24	47.2	71	12	2.21	0.59	7.4	n.	80	63	76	54
Means and extremes	30.24	42.9	76	1	3.74	1.66	8.3	ne.	79	62	68	55

JUN 2 1925
UNIVERSITY OF ILLINOIS

Climatological Data for January, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation 0.01 in. or more.	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	44.8	−2.7	70	3	11	6	41	4.69	+1.77	1.47	0	8	16	5	10	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	48.9	−1.0	71	3	17	6	26	3.24	−0.21	1.21	0	10	9	4	18	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	41.1	−2.6	68	†10	10	6	45	4.35	+1.45	1.83	0	9	...	...	...	.....	Roland D. Powe.
Conway	Horry	25	34	°48.0	0.0	72	10	°11	7	°47	3.91	+0.44	0.98	0	11	13	3	15	ne.	Paul Quattlebaum.
Darlington	Darlington	175	29	°43.2	−2.3	72	10	° 9	6	°46	4.60	+2.05	1.65	0	9	20	1	10	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	4.40	+1.04	1.82	0	9	...	...	...	.....	Wm. B. Gillespie.
Ferguson	Orangeburg	63	38	44.2	−3.1	73	3	9	7	42	5.07	+1.49	1.38	0	9	...	...	...	.....	Henry C. Savage.
Florence 1	Florence	136	42	46.2	+0.9	74	10	11	6	46	4.36	+1.56	1.64	0	10	14	4	13	sw.	H. K. Gilbert.
Florence 2	....do	136	9	.....	.....	.....	.....	.....	.....	.....	3.82	+1.02	1.20	0	8	12	2	17	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	°48.4	.....	74	10	°18	7	°47	3.42	.....	0.93	0	10	13	4	14	.....	Miner B. Robert.
Georgetown	Georgetown	18	31	47.2	−1.6	76	3	11	6	44	4.15	+0.75	0.95	0	7	13	12	6	n.	A. P. Hazard.
Kingstree	Williamsburg	54	42	48.6	+0.9	73	3	12	† 6	54	3.72	+0.66	1.15	0	10	16	1	14	n.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	3.97	.....	1.60	0	9	...	...	...	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	8	45.7	.....	71	1	12	7	46	3.57	.....	1.12	0	11	9	21	1	ne.	U.S. Fisheries Station.
Orangeburg 2	....do	264	4	.....	.....	.....	.....	.....	.....	.....	3.88	.....	1.50	0	9	16	3	12	n.	State A. and M. College.
Paris Island	Beaufort	13	45	49.7	−1.9	73	† 3	18	6	43	3.75	+1.02	1.42	0	10	9	7	15	ne.	U.S. Naval Aerological Sta.
Pinopolis**	Berkeley	54	77	46.9	−0.9	71	3	15	7	.....	2.94	−0.16	0.60	0	9	17	0	14	ne.	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	4.10	+1.12	1.55	0	6	...	...	...	.....	Boykin R. Cantey.
St. George	Dorchester	169	41	46.2	−1.3	74	3	14	† 6	38	2.96	−0.13	0.90	0	10	13	5	13	.....	R. L. Utsey.
Society Hill	Darlington	192	33	41.5	−2.6	73	9	9	5	50	4.23	+1.23	1.55	0	8	20	4	7	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	48.6	−0.8	74	10	12	7	49	4.41	+1.35	1.05	0	12	15	3	13	nw.	E. P. Lawton.
Wedgefield	Sumter	249	34	46.4	+0.5	72	10	11	6	43	4.93	+1.51	1.80	0	10	17	2	12	w.	W Hampton Ramsey.
Yemassee	Hampton	24	25	48.8	+0.5	76	3	11	7	51	2.96	+0.19	0.99	0	8	13	2	16	ne.	W. C. Hutson.
Division means and	extremes	.....	....	46.3	−1.5	76	3	9	† 5	54	3.98	+0.92	1.83	0	10	13	5	13	ne.	
Western Portion.																				
Aiken	Aiken	527	62	44.2	−1.9	72	1	10	6	41	3.89	+0.31	1.61	0	7	18	0	13	nw.	Frank B. McCoy.
Anderson	Anderson	764	31	40.5	−3.8	65	† 1	8	6	43	4.90	+0.97	1.60	0	11	19	2	10	w.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	4.35	+0.87	1.13	0	11	...	...	...	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	38.5	.....	67	10	5	6	45	5.60	+1.00	1.10	0	10	16	4	11	ne.	L. M. Parker.
Camden	Kershaw	222	74	43.2	−2.9	71	10	12	† 6	49	3.82	+0.44	1.54	0	11	17	0	14	ne.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	4.10	+0.63	1.23	0	7	...	...	...	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	3.17	−0.15	1.07	0	8	...	...	...	.....	George V. Clamp.
Chester	Chester	487	2	41.4	.....	69	11	8	6	42	4.20	.....	1.87	0	7	15	5	11	ne	J. C. Cornwell.
Clemson College	Oconee	850	32	b40.0	−2.6	b66	†11	b 6	6	b43	5.14	+0.92	1.80	0	6	22	0	9	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	43.7	−2.3	69	1	10	6	35	3.37	+0.08	1.22	0	10	13	5	13	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	10	39.4	−4.4	66	10	7	6	35	5.03	+1.40	1.93	0	9	11	7	13	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	4.75	+0.80	1.50	0	8	...	...	...	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	4.94	+0.98	1.40	0	11	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	39.2	−1.8	65	11	5	6	31	5.09	+0.58	1.96	0	9	15	5	11	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	38.8	−4.1	70	1	7	6	41	5.48	+1.70	1.70	0	10	18	0	13	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	44.0	+0.6	67	1	8	6	44	4.35	+0.76	0.92	0	5	16	0	15	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	43.3	.....	68	† 1	8	6	44	3.42	.....	1.50	0	5	18	1	12	w.	John W. Hamel.
Landrum	Spartanburg	1063	9	38.8	.....	69	1	1	6	50	4.59	.....	1.21	0	6	16	8	7	s.	R. Hartwell Wilds, U.D.S.
Laurens	Laurens	589	6	39.7	.....	72	1	5	6	41	4.78	.....	2.00	0	8	17	7	7	.....	L. G. Roff.
Liberty	Pickens	960	24	.....	.....	.....	.....	4	6	.....	5.61	+0.11	2.10	0	5	15	6	10	.....	O. F. Boggs.
Little Mountain	Newberry	711	31	41.9	−3.6	69	1	7	6	40	4.55	+1.17	1.85	0	8	19	2	10	w.	Miss Alberta Sease.
Newberry	Newberry	502	20	41.9	−2.9	71	1	8	6	42	4.66	+0.77	2.05	0	8	19	2	10	ne.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	5.14	+0.76	2.14	0	10	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	42.6	−3.4	71	1	10	6	45	5.01	+1.36	1.94	0	10	17	4	10	sw.	W. S. Crout.
Santuck	Union	512	31	40.2	−2.9	69	1	7	6	45	4.87	+1.17	2.17	0	9	15	6	10	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	37.6	−4.0	65	10	4	6	38	5.58	+1.77	1.34	0	9	...	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	39.0	−3.2	65	31	3	6	52	6.20	+1.41	1.84	0	8	19	5	7	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	40.9	−3.3	68	10	8	6	39	3.83	+0.45	1.08	0	10	16	2	13	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	24	40.8	−2.7	66	1	6	9	42	4.85	+1.34	2.15	0	5	15	8	8	n.	W. T. Clawson.
Division means and	extremes	.....	....	40.9	−3.3	72	1	1	6	52	4.62	+0.86	2.17	0	8	17	3	11	ne.	
Section means and	extremes	.....	....	43.3	−2.3	76	3	1	6	54	4.34	+0.88	2.17	0	9	16	4	11	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.
'T' Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for January, 1924.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖	Edisto			.40		.20				.53		.11					1.47	.28			.45				1.25								4.69
Charleston ***	Coast	T.	.08	T.	.02	.32					.12	.15		T.		T.	.50	.32		.09	.45				1.21								3.24
Cheraw ‖	Pee Dee			.08	.12							.28	.20				.12	1.83			.15	.38				1.19							4.35
Conway ‖	Waccamaw		.07	.55		.36						.27	.09				.17	.98			.31	.23			.03	.85							3.91
Darlington ‖	Pee Dee		.07	.20		.09						.30					.59	1.15			.48	.10			T.	1.65							4.60
Effingham ‖	Lynches		.17	.13		.21						.11	.27				.67	1.32				.24				1.28							4.40
Ferguson ‖	Santee		.12	.06		.51						.64					.48	.87			1.38				.40	.61							5.07
Florence 1 ‖	Pee Dee		.08	.17		.13						.14	.07				.18	1.64			.21				0.14	1.60							4.36
Florence 2 ‖	do			.21		.08						.22				T.	.65	1.20			.16	.12				1.18							3.82
Garnett	Savannah		.07		.04	.62					.21	.10					.76	.29			.38				.93	.02							3.42
Georgetown	Coast		T.	.67		.45					T.	.85						.75	.25	T					.95	.23							4.15
Kingstree ‖	Black		.15	.17		.40						.58					.20	1.15			.30	.10			.07	.60							3.72
Mars Bluff	Pee Dee		.12		.12							.28	.10				.40	1.60			.10	.10				1.15							3.97
Orangeburg 1	Edisto	.02	.09		.13	.25					.42	.05					1.12	.21			.40		.86		.02								3.57
Orangeburg 2	do	.10	.05	.01	.42						.35	.10					1.50				.40				.95								3.88
Paris Island	Coast		.03		.17						.36	.18				.12	.60	.24		.10	.53				1.42								3.75
Pinopolis	Cooper										.20	.15				.59	.55	.10		.10	.20			.60	.45								2.94
Rimini ‖	Santee			.25		.40					.50							1.55			.40					1.00							4.10
St. George	Edisto		.10	.05		.45					.35						.07	.67			.20	.07			.10	.99							2.96
Society Hill ‖	Pee Dee		.26	.05							.15	.07				.45	1.20			.40				1.55									4.23
Summerville	Ashley		.25	.03	.09	.45					.39	.42					1.01	.28		.03	.40	.05			1.05								4.41
Wedgefield	Wateree		T.	.20	.05	.05					.40	.15					1.80	.20			.50				1.50	.68							4.98
Yemassee ‖	Ashepoo			.03		.54					.10	.15						.99	.02			.18				.95							2.96
Western Portion.																																	
Aiken	Edisto	.03									.21						1.61	.23				.31			1.33	.17							3.89
Anderson	Savannah	.09	.11	.58							.40	.58					1.60	.05			.05				1.20	.07					.17		4.90
Blairs ‖	Broad	.04	.08	.20	.10							.41					.92	1.13			.18	.12			.04	1.13							4.35
Calhoun Falls ‖	Savannah	.27	.21	.09	.23							.70					1.00	.70			.30				.40	1.10							5.66
Camden ‖	Wateree		.62	.03		.03					.02	.12					.40	1.54			.40	.20			.04	1.02							3.82
Catawba ‖	Catawba		.39	.20							.37						.60	1.23			.21					1.10							4.10
Chappells ‖	Saluda		.03	.10							.40						.80	1.07			.25				.05	.45							3.17
Chester	Broad		.10	.36	.12						.45						1.87				.20				1.10	T.							4.20
Clemson College	Savannah			.47							1.26	.56					1.80								.85	.10					T.		5.14
Columbia ***	Congaree	.13	.09	.03	T						.18	.11				.02	1.20			.06	.38				1.17						T		3.37
Due West ***	Savannah	.10	.07	.34							.24	.47					1.03			T.	.17				1.68	T					.03		5.03
Edgefield ‖	Savannah			.15								.55					.60	1.50			.45	.10			.20	1.10							4.75
Gaston Shoals ‖	Broad	.12	.16	.44	.28							.62					1.40	.95			.10	.02			.02	.88							4.94
Greenville ***	Saluda	.02	.78	.37	T.						.75	.29				T.	1.96			T.	.02				.88						.02		5.09
Greenwood ‖	do		.11	.17	.17							.57					.95	1.70			.14	.14			.12	1.41							5.48
Heath Springs	Wateree		.60								.33							2.00			.50				.99								4.35
Kershaw ‖	Lynches				.22							.24					.42	1.50								1.04							3.42
Landrum	Broad		1.12	.32						1.21	1.09														.84	.08							4.59
Laurens ‖	Saluda		.11	.40							.18	.26					2.00				.15				1.51						.07		4.78
Liberty	Savannah			.30							.72	.70					2.10								1.19						T.		5.01
Little Mountain	Saluda		.15	.20								.22					1.85	.10			.65				1.20	.12							4.55
Newberry	Saluda	.04	.20	.11							.07	.48				T.	2.05			T.	.33				1.42								4.06
Pelzer ‖	do	T.	.04	.22	.50						.05	.90					1.50	.64			T.				.28	1.04					.69		5.14
Saluda	do		.22	.25							.05	.39					1.04	.08			.07				1.22	.05					.03		5.01
Santuck	Broad		.13	.49							.12	.29					2.17				.21				1.38	.05					.03		4.87
Spartanburg ‖	do	T.	.11	.60	.30	T.					T.	.75					1.34	1.14			.06			.10		1.09					T		5.58
Trenton	Edisto																																
Walhalla	Savannah	.10	.05	.48							.75	.08					1.84								1.08						.02		6.20
Wiamsboro ‖	Broad	.05	.06	.07								.38					.62	1.08			.37	.10			.00	1.00							3.83
Winthrop College	Catawba		.25	.50							.05						2.15								1.90								4.85

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	40.1	73	5	2.80	8				
1888	46.2	76	15	2.94	10				nw.
1889	44.9	78	15	5.81	10				ne.
1890	54.1	81	17	1.16	6				sw.
1891	46.2	75	21	3.56					w.
1892	42.7	72	16	6.75					nw
1893	38.0	71	3	2.52	6				
1894	47.9	77	19	3.15	10	10	9	12	ne.
1895	44.2	80	5	7.31	13	9	9	13	sw.
1896	43.8	72	9	3.02	6	12	10	9	ne.
1897	42.2	76	3	2.29	7	13	8	10	nw.
1898	49.2	82	8	1.80	6	12	10	9	sw.
1899	44.4	78	17	4.72	11	10	7	14	n.
1900	44.0	75	3	2.43	8	16	6	9	nw.
1901	45.1	81	18	3.55	9	14	7	10	nw.
1902	42.4	80	11	2.05	5	15	7	9	sw.
1903	43.7	77	13	3.85	11	10	6	15	w.
1904	40.2	74	8	2.97	8	15	5	11	n.
1905	41.4	77	8	2.00	7	15	6	10	w.
1906	47.0	83	12	5.85	11	12	4	15	ne.
1907	53.4	89	18	0.71	4	15	9	7	sw.
1908	44.2	76	17	4.86	9	13	8	10	w.
1909	49.6	83	9	1.54	5	12	9	10	ne.
1910	45.5	80	11	2.98	7	14	10	7	w.
1911	49.8	82	16	1.58	5	14	8	9	sw.
1912	40.2	79	6	4.92	9	13	4	14	w
1913	53.8	82	23	3.21	8	10	6	15	sw.
1914	46.7	81	18	2.66	5	16	9	6	w.
1915	45.1	74	19	6.31	9	12	6	13	ne.
1916	52.3	81	10	1.76	9	10	9	12	ne.
1917	49.7	79	9	3.74	12	10	7	14	sw.
1918	37.3	82	−2	4.45	10	13	6	12	ne.
1919	47.1	80	8	4.15	7	19	5	7	ne.
1920	46.2	85	6	3.66	7	12	7	12	w.
1921	46.9	79	17	3.84	7	15	6	10	w.
1922	44.2	81	14	3.53	9	10	6	15	ne.
1923	49.0	80	20	2.74	6	17	5	9	w.
1924	43.3	76	1	4.34	9	16	4	11	ne.
Period	45.6	89	−2	3.46	8	13	7	11	w.

Daily Temperatures for January, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	60	60	70	60	40	34	46	51	61	67	57	51	47	50	52	65	60	63	65	64	42	44	61	51	53	49	50	55	63	70	68	55.8
	Minimum	50	30	40	40	34	11	13	23	25	41	40	26	38	32	30	42	45	40	42	41	30	20	43	39	40	34	24	26	32	40	34	33.7
Charleston	Maximum	65	50	71	64	47	33	45	53	60	65	66	50	55	54	53	68	60	58	60	62	50	44	56	63	60	50	45	56	65	70	57	56.6
	Minimum	50	44	45	47	33	17	21	33	37	52	45	37	46	43	41	58	54	43	48	50	32	27	37	48	50	38	32	37	43	48	47	41.2
Cheraw§§	Maximum	58	46	59	45	41	37	43	53	62	68	63	58	56	50	60	62	62	59	62	55	57	31	58	57	54	40	48	53	67	68	64	52.8
	Minimum	55	38	35	40	37	10	12	20	24	32	42	29	34	31	28	35	48	36	33	38	22	15	20	26	37	32	21	22	28	33	31	29.4
Conway	Maximum	70	55	74	70	48	44	47	58	68	72	68	59	57	54	55	69	60	61	64	63	59	43	63	59	64	53	49	58	69	69	65	60.2
	Minimum	53	37	41	51	42	14	11	18	19	.....	.....	.....	.....	.....	.....	31	49	53	44	41	55	29	18	28	36	46	38	28	35	33	42	36	*35.5
Darlington§§	Maximum	61	40	67	45	45	30	49	58	69	72	66	62	57	54	63	68	65	60	67	56	40	45	62	44	53	46	51	56	71	70	67	56.7
	Minimum	....	55	35	40	37	9	12	19	23	28	44	28	35	37	25	32	50	36	36	40	24	15	21	25	38	34	20	23	27	32	30	*29.7
Ferguson§§	Maximum	63	47	73	50	44	42	47	57	67	73	62	67	68	53	67	68	58	57	63	54	48	45	54	55	51	48	47	54	67	67	62	57.3
	Minimum	49	37	37	37	37	12	9	16	25	31	40	28	32	31	32	34	50	34	28	34	29	21	27	34	34	35	25	26	26	35	32	31.2
Florence 1	Maximum	63	64	70	58	45	30	57	60	70	74	65	65	56	53	66	67	63	64	65	57	55	45	54	46	54	44	51	56	73	76	68	58.9
	Minimum	61	36	37	37	37	11	15	22	26	38	45	32	34	35	28	42	41	39	48	55	25	19	23	26	40	35	24	25	29	37	35	33.5
Garnett	Maximum	70	55	75	70	47	35	49	60	68	74	70	59	54	55	55	70	57	63	64	60	53	48	60	59	65	56	55	63	70	76	57	60.5
	Minimum	55	41	41	47	35	16	13	23	27	45	49	29	37	34	36	46	52	33	46	53	27	28	27	45	49	36	24	31	37	...	34	*26.4
Georgetown	Maximum	53	72	76	69	48	32	50	60	65	61	60	67	58	57	52	70	60	58	60	61	55	45	64	58	66	54	48	58	69	70	68	59.5
	Minimum	37	41	40	45	37	11	13	21	27	40	50	31	38	34	37	46	48	40	40	50	29	18	29	40	39	35	24	26	35	43	35	34.8
Kingstree	Maximum	71	62	73	69	66	55	51	57	66	70	68	60	55	52	52	70	66	59	62	61	56	51	63	55	60	58	54	54	69	71	66	61.4
	Minimum	54	37	38	44	38	12	12	21	27	44	56	31	40	33	32	45	52	40	40	55	28	26	28	40	44	37	25	27	34	40	34	37.7
Orangeburg 1	Maximum	71	51	71	56	45	39	40	58	65	69	68	58	54	54	55	67	69	59	63	61	54	54	56	52	51	51	49	53	66	68	65	57.8
	Minimum	49	37	39	42	35	19	12	21	23	38	52	28	28	23	32	43	38	34	46	53	27	27	40	42	28	28	25	29	31	37	35	32.6
Paris Island§§	Maximum	65	51	73	62	49	30	48	56	64	69	63	57	52	56	55	66	59	59	59	60	45	49	73	62	61	49	49	62	67	76	64	58.2
	Minimum	52	45	45	50	30	18	21	35	41	54	44	35	46	40	41	53	52	42	50	45	31	30	37	49	49	35	30	38	46	46	45	41.2
St. George	Maximum	65	46	74	54	48	30	42	55	60	70	61	59	55	55	67	69	60	64	65	59	42	48	62	64	56	44	52	57	69	69	69	57.6
	Minimum	61	42	39	44	40	14	14	17	27	34	48	29	32	37	35	37	53	35	36	56	29	22	24	30	44	39	25	28	32	38	36	34.7
Society Hill§§	Maximum	39	64	45	43	39	47	57	68	73	66	60	58	58	58	68	65	60	67	57	46	42	59	42	54	45	47	28	68	68	65	57	54.9
	Minimum	28	35	38	37	9	10	16	21	23	39	28	28	32	26	28	49	37	36	37	16	15	24	23	38	38	21	23	24	27	30	30	28.1
Summerville	Maximum	66	55	73	65	48	49	48	61	68	74	68	60	55	55	54	70	59	58	60	60	55	46	60	62	63	52	51	59	69	71	66	59.7
	Minimum	55	41	41	48	39	14	12	23	30	46	51	31	40	35	35	47	53	38	46	54	36	21	31	45	49	35	25	30	39	41	36	37.5
Wedgefield	Maximum	70	52	69	63	45	40	48	58	65	72	68	60	51	53	47	68	67	60	64	60	54	45	58	47	53	50	50	54	68	67	65	57.8
	Minimum	50	36	36	41	30	11	15	24	29	43	52	44	38	33	29	42	49	39	41	53	26	19	26	42	38	35	25	27	31	42	36	34.9
Yemassee	Maximum	71	57	76	70	51	38	50	62	70	71	69	61	57	56	55	69	58	63	63	60	55	49	61	56	64	54	55	61	71	70	68	61.0
	Minimum	56	41	40	50	37	14	11	23	27	41	63	27	38	33	35	45	50	32	46	54	27	20	26	45	49	37	23	30	35	38	36	36.5
Western Portion.																																	
Aiken	Maximum	72	54	58	47	45	36	46	53	69	71	71	55	56	53	50	60	59	59	57	54	47	42	55	49	52	49	48	52	65	66	64	55.3
	Minimum	49	38	30	43	29	10	14	28	30	47	43	28	39	28	33	41	42	33	35	36	21	20	23	39	40	32	24	35	40	38	36	53.0
Anderson	Maximum	65	48	46	46	37	29	51	51	60	54	65	55	56	47	40	50	56	52	58	53	43	41	55	44	53	45	37	52	61	62	65	50.9
	Minimum	43	32	33	35	22	8	16	26	31	41	39	27	37	29	28	34	36	31	36	42	18	16	25	34	34	26	22	27	31	41	34	30.1
Calhoun Falls§§	Maximum	52	37	46	42	36	31	51	59	62	67	48	55	56	52	45	53	55	57	59	52	36	41	55	41	50	42	51	51	63	65	63	50.5
	Minimum	44	34	33	35	35	5	6	14	22	28	43	25	26	27	27	28	35	30	33	36	12	15	18	19	34	26	19	20	27	31	33	26.5
Camden§§	Maximum	59	48	60	56	42	28	48	58	68	71	62	62	57	55	60	69	63	60	66	65	39	40	68	46	54	43	50	55	68	67	65	56.5
	Minimum	36	38	35	38	36	12	12	14	22	25	47	33	31	31	28	30	42	38	35	38	28	17	19	22	36	32	23	23	28	30	31	30.0
Chester	Maximum	68	45	46	46	39	32	48	51	62	65	69	56	54	49	42	64	55	55	60	55	60	41	50	39	51	45	48	49	62	63	62	52.7
	Minimum	43	32	34	35	31	8	11	23	36	35	40	27	37	34	27	36	40	38	31	40	20	11	24	33	35	28	22	25	28	36	29	30.0
Clemson College	Maximum	.....	.....	50	51	42	33	35	55	61	56	66	54	51	56	50	56	59	59	60	56	50	40	55	55	56	60	58	58	61	66	64	†54.1
	Minimum	.....	.....	33	31	28	6	12	21	22	34	42	24	24	27	24	32	36	28	28	35	18	10	17	33	34	25	18	20	25	35	27	†25.9
Columbia	Maximum	69	43	63	48	42	29	48	55	63	68	69	55	54	50	45	67	60	57	64	54	40	42	57	45	59	44	47	53	66	66	64	54.2
	Minimum	43	35	37	41	21	10	16	27	33	45	37	31	36	34	31	40	44	38	40	38	25	20	26	37	37	31	37	20	31	44	36	32.2
Due West	Maximum	59	40	46	42	38	25	47	50	57	66	66	51	54	49	41	50	54	53	56	53	35	40	52	41	51	41	48	49	60	62	62	49.6
	Minimum	40	32	35	34	13	7	16	25	31	42	31	26	37	29	28	34	34	31	36	30	20	16	20	34	36	28	24	27	33	40	32	29.1
Greenville	Maximum	61	39	48	42	35	26	45	49	58	65	65	51	53	48	37	50	58	51	59	50	31	37	51	42	54	41	44	50	58	62	61	48.9
	Minimum	39	32	34	33	9	5	16	31	33	39	24	20	36	22	29	22	40	34	39	28	17	15	26	24	35	24	24	29	31	42	32	29.5
Greenwood	Maximum	70	67	39	46	42	37	28	47	52	59	67	49	53	55	50	42	62	54	56	69	52	32	41	55	41	49	47	48	49	61	64	50.9
	Minimum	42	34	33	34	33	7	8	11	24	27	42	27	28	31	23	24	37	32	32	33	20	14	14	25	33	29	21	24	24	29	37	26.8
Heath Springs	Maximum	67	60	63	64	59	55	52	53	56	58	65	60	57	55	52	63	60	56	58	55	52	47	51	50	52	49	50	49	63	62	62	56.6
	Minimum	45	32	33	32	34	8	16	20	32	42	42	30	36	31	27	36	45	38	35	49	22	15	28	36	35	22	22	27	33	36	36	31.5
Kershaw	Maximum	68	47	57	49	44	38	48	50	65	68	68	58	54	51	45	66	60	57	64	58	53	42	56	47	53	49	49	54	66	67	64	55.3
	Minimum	45	34	35	37	28	8	13	21	26	40	44	28	36	34	26	38	45	38	36	50	29	18	23	34	35	34	25	28	31	31	33	31.3
Landrum	Maximum	69	45	51	49	35	31	51	52	57	45	64	51	53	48	37	52	55	51	58	51	36	38	56	49	55	48	40	49	54	63	62	50.4
	Minimum	38	30	32	31	14	1	11	27	21	31	44	27	31	24	28	31	41	31	29	35	14	11	26	34	33	20	23	19	28	35	39	27.1
Laurens§§	Maximum	72	48	47	48	38	28	46	51	58	64	67	53	55	49	42	51	57	53	60	55	45	40	57	42	52	47	48	50	63	65	64	52.1
	Minimum	44	33	34	33	23	5	15	19	23	30	39	23	31	26	24	34	36	33	32	44	17	12	20	32	34	26	19	21	26	33	25	27.3
Liberty	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	55	32	33	32	25	4	14	25	27	37	39	27	32	28	36	32	39	32	33	38	19	12	22	33	33	26	26	25	40	40	32	29.9
Little Mountain	Maximum	69	49	54	48	45	26	45	53	60	67	67	54	54	53	43	65	57	58	60	63	45	41	55	53	51	47	47	52	63	65	63	53.9
	Minimum	47	32	32	34	26	7	14	23	27	39	42	27	29	30	28	35	40	25	32	32	19	15	26	35	33	27	23	27	29	44	37	29.9
Newberry	Maximum	71	49	58	48	41	29	48	54	64	67	68	56	56	52	43	65	58	58	61	53	42	49	56	45	51	47	49	53	65	66	64	53.8
	Minimum	42	34	35	35	24	8	16	22	25	35	41	27	35	30	28	37	41	35	34	41	21	17	22	36	35	29	22	27	28	37	31	30.0
Saluda	Maximum	71	50	58	48	48	34	44	59	60	67	69	54	55	51	45	65	56	55	60	58	55	40	51	46	50	49	47	51	61	64	61	53.9
	Minimum	43	35	35	37	32	10	15	20	22	32	44	26	32	31	24	38	39	32	33	49	23	17	21	35	36	31	22	24	27	35	29	30.0
Santuck	Maximum	69	48	46	48	39	30	49	54	61	65	68	57	57	51	43	44	56	56	62	56	46	42	56	50	52	50	49	50	64	64	63	53.2
	Minimum	48	33	35	34	28	7	19	18	30	38	47	24	30	30	19	35	38	32	28	45	18	10	17	29	35	28	17	19	23	32	25	27.2
Spartanburg	Maximum	50	38	48	37	34	27	46	50	57	65	59	59	53	48	39	51	51	51	58	52	31	48	54	40	53	38	46	49	59	64	62	48.5
	Minimum	43	32	31	33	31	4	9	18	25	27	38	29	28	34	26	26	37	32	32	33	18	12	14	26	34	24	20	24	24	27	37	26.7
Trenton	Maximum	....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Walhalla	Maximum	53	45	48	48	40	29	55	59	58	50	63	59	56	52	43	50	53	51	56	55	40	30	55	50	57	46	44	51	58	64	65	50.9
	Minimum	39	39	34	33	19	3	12	22	25	36	37	23	32	28	27	38	30	28	30	38	16	10	25	32	35	21	18	22	27	37	27	27.6
Winnsboro §§	Maximum	55	39	54	43	40	30	48	54	64	68	55	46	55	51	50	65	57	56	63	59	38	42	56	41	52	40	40	50	65	65	64	52.1
	Minimum	51	35	34	36	35	8	9	17	20	30	44	28	30	32	27	29	43	36	35	50	21	14	16	29	35	30	22	23	26	31	35	29.7
Winthrop College	Maximum	66	44	45	46	39	28	46	53	62	63	66	55	55	46	33	63	53	55	62	60	44	39	54	46	52	47	46	51	62	63	62	52.9
	Minimum	43	32	33	35	24	6	11	24	26	35	46	28	35	33	24	35	44	30	35	33	19	13	23	35	33	26	21	21	28	41	33	29.

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., FEBRUARY, 1924. No. 2.

GENERAL SUMMARY.

Thermal conditions ranged markedly below the seasonal average, with two prolonged periods of low temperature. Precipitation was considerably below normal, on the whole.

While precipitation was considerably below normal, with a relatively dry period between the 5th and 17th, the soil was too wet for satisfactory progress in winter plowing. Wheat and rye wintered fairly well, but oats replanted after the January freezes did not germinate satisfactorily, and winter garden and truck development was materially checked incident to persistently cold nights. Tree fruits, however, were in good condition. Tobacco beds were set about the middle of the month, and white potato planting in the trucking region was practically finished toward the close.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.11 inches. The highest pressure was 30.57 inches at Charlotte, N. C., on the 16th and Wilmington, N. C., on the 24th, and in the Section proper, 30.55 inches at Columbia on the 24th; the lowest pressure was 29.45 inches at Asheville, N. C., on the 5th and Wilmington, N. C., on the 27th, and in the Section proper, 29.51 inches at Greenville on the 5th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 44.2°, or 2.8° below the normal. The highest temperature was 79° at Yemassee on the 18th. The warmest periods were from the 1st to the 5th, inclusive, and about the 15th and 18th, when the daily mean temperatures ranged from 5° to 14° above normal. The lowest temperature was 13° at Liberty and Walhalla on the 9th. The coldest periods were from the 6th to the 13th and 19th to 28th, inclusive, when the daily means ranged 5 to 15° below normal.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 78%; noon, 58%; 8 p. m., 63%. The highest percentages occurred over the western counties, and the lowest, over the eastern and southern sections.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 3.54 inches, or 0.85 inch below the normal. Precipitation occurred in three fairly well defined periods and was fairly well distributed in area, but the bulk of the total rainfall occurred during the latter part of the month. The heaviest rainfall occurred in the extreme northern counties, with total amounts of 5 to over 6 inches, the measurements ranging downward elsewhere to less than 2 inches toward the coast. The greatest monthly amount was 6.32 inches at Walhalla, and the least was 1.41 inches at Garnett. The greatest amount during any 24 hours was 2.37 inches at Florence No. 1 on the 26-27th. Snowfall was general in the northwestern counties on the 27th, with depths of Trace to 2.5 inches, and snow flurries occurred at a few stations on the 10th and 24th. The average number of rainy days was 12% below normal.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 9.6 miles. The highest average velocity was 14.1 miles per hour at Savannah, Ga., and in the Section proper, 12.1 miles per hour at Charleston; the lowest average velocity was 6.2 miles per hour at Augusta, Ga., and in the Section proper, 7.8 miles per hour at Columbia. The highest velocity was 40 miles per hour from the northeast at Savannah, Ga., on the 26th, and in the Section proper, 38 miles per hour from the northeast at Charleston on the 26th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 189.7 hours, or 59% of the possible amount. The average number of clear days was 15; partly cloudy, 5, and cloudy, 9, as against normals of 12, 6, and 10 days, respectively.

RIVER CONDITIONS.

Freshet conditions prevailed in nearly all river districts of the Section during the last few days of the month. The upper Santee River was near or somewhat above flood stages during the first decade. In the Santee system the losses approximated $3,540, and the value of movable property saved by flood warnings was estimated at $17,900.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 11; Paris Island, 18. *Solar:* Charleston, 13; Columbia, 4, 11, 15; Due West, 11, 15, 16, 29; Greenville, 11, 29; Paris Island, 11.

Sleet.—Cheraw, 28; Greenville, 11, 24, 27; Landrum, 11; Little Mountain, 27; Spartanburg, 26; Walhalla, 24.

Thunderstorms.—Charleston, 1, 26, 27; Cheraw, 1; Due West, 1, 4, 17; Garnett, 1; Greenville, 17; Landrum, 17; Liberty, 1, 17; Laurens, 17; Orangeburg No. 1, 1, 16, 27; Paris Island, 1; Saluda, 2; Santuck, 4, 17; Spartanburg, 18; Trenton, 1; Walhalla, 1, 17.

Hail.—Anderson, Due West, and Liberty, 1; Walhalla, 17.

MISCELLANEOUS DATA FOR FEBRUARY, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.13	35.8	62	16	2.79	0.81	10.9	nw.	80	59	64	51
Augusta, Ga.	30.11	46.0	73	26	2.86	1.56	6.2	nw.	82	59	66	66
Charleston, S. C.	30.09	49.5	73	29	1.57	0.65	12.1	w.	74	52	65	66
Charlotte, N. C.	30.09	40.6	66	21	4.18	1.54	6.4	ne.	76	61	60	52
Columbia, S. C.	30.11	44.5	72	22	2.18	1.38	7.8	ne.	77	59	62	56
Due West, S. C.	30.12	41.6	71	18	3.54	1.63	10.8	w.	82	56	....	58
Greenville, S. C.	30.07	41.5	70	20	3.90	1.38	9.7	ne	76	61	63	57
Savannah, Ga.	30.15	50.2	76	28	1.92	1.15	14.1	nw.	77	58	62	64
Wilmington, N. C.	30.10	46.1	68	25	2.61	0.89	8.0	w.	80	56	62	65
Means and extremes.	30.11	44.0	76	16	2.84	1.63	9.6	w. nw.	78	58	63	59

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UNIVERSITY OF ILLINOIS

Climatological Data for February, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation 0.01 in. or more.	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	47.5	−0.5	76	15	22	9	43	2.86	−1.40	0.91	0	8	18	5	6	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	49.5	−2.9	73	18	29	9	25	1.57	−1.94	0.65	0	7	13	5	11	w.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	42.6	−2.4	70	3	22	† 9	41	5.02	+0.93	1.48	T.	8	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	34	46.6	−1.2	73	4	24	† 9	40	4.10	−0.26	1.83	0	7	17	2	10	ne.	Paul Quattlebamm.
Darlington	Darlington	175	29	43.9	−1.4	73	15	21	†22	46	3.51	−0.36	1.78	T.	6	18	0	11	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	3.27	−1.67	1.92	0	5	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson††	Orangeburg	63	88	45.4	−2.4	73	15	23	†10	44	3.35	−0.54	1.52	0	7	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	42	45.8	−0.3	76	4	23	9	43	4.23	+0.08	2.39	0	7	19	3	7	ne.	H. K. Gilbert.
Florence 2	....do	136	9	.....	.....	.....	.....	.....	.....	.....	3.35	−0.80	1.79	0	6	15	8	6	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	*49.7	.....	*78	18	24	10	*45	1.41	.....	0.60	0	7	11	13	5	ne.	Maner B. Robert.
Georgetown	Georgetown	18	31	47.2	−1.9	75	5	24	22	46	3.55	−0.59	2.00	0	3	19	6	4	n.	A. P. Hazard.
Kingstree	Williamsburg	54	42	47.7	+0.2	73	15	23	† 9	40	2.50	−1.45	1.40	0	5	20	3	6	nw.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	4.34	.....	2.10	0	6	.....	.....	.....	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	8	47 2	.....	74	14	24	8	42	2.32	.....	0.69	0	7	15	11	3	w.	U. S. Fisheries Station.
Orangeburg 2	....do	264	4	.....	.....	.....	.....	.....	.....	.....	2.27	.....	1.06	0	6	17	7	5	w.	State A. and M. College.
Paris Island	Beaufort	13	43	49.4	−1.7	70	14	29	9	36	2.04	−1.48	0.61	0	6	12	6	11	w.	U. S. Naval Aerological Sta.
Pinopolis**	Berkeley	54	77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	2.84	−0.91	1.32	0	3	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	*47.6	−0.6	*73	19	*26	† 9	*34	2.25	−1.56	1.05	0	6	13	6	10	.....	R. L. Utsey.
Society Hill	Darlington	192	32	42.6	−2.2	72	14	21	† 8	44	5.01	+0.60	1.90	T.	9	19	4	6	nw.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	48.9	−1.3	77	18	22	23	42	2.46	−1.69	0.78	0	7	19	6	4	nw.	E. P. Lawton.
Wedgefield	Sumter	249	34	46.3	−2.0	73	15	23	9	40	2.70	−1.45	1.10	0	4	18	4	7	ne.	W Hampton Ramsey.
Yemassee	Hampton	24	35	48.6	−0.4	79	18	23	10	44	2.11	−1.73	1.24	0	4	17	4	7	nw.	W. C. Hutson.
Division means and	extremes	.....	.....	46.8	−1.2	79	18	21	† 8	46	3.05	−0.99	2.39	T.	6	16	6	7	ne.	
Western Portion.																				
Aiken	Aiken	527	62	46.4	−2.6	71	15	22	9	38	2.92	−1.13	1.31	0	6	18	1	10	w.	Frank B. McCoy.
Anderson	Anderson	764	31	43.0	−1.7	72	15	18	9	40	3.82	−1.31	1.29	0.2	11	16	1	12	w.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	3.52	−0.29	1.55	T	7	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	40.9	.....	70	3	14	9	39	3.04	−2.32	1.25	T	7	15	3	11	w.	L. M. Parker.
Camden	Kershaw	222	74	43.5	−4.3	72	15	21	9	42	1.71	−2.26	0.92	0	7	16	2	11	ne.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	4.22	−0.11	1.73	2.5	7	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	3.65	−0.19	1.60	0.1	7	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	2	41.2	.....	71	15	19	9	40	4.17	.....	1.40	0.5	11	12	2	15	ne.	J. C. Cornwell.
Clemson College	Oconee	850	22	43.0	−0.2	73	†15	14	9	45	5.54	+0.16	1.83	T.	9	17	3	9	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	44.5	−3.7	72	15	22	9	32	2.18	−2.53	1.38	T.	8	14	5	10	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	10	41.6	−2.8	71	15	18	9	34	3.54	−0.26	1.63	0.4	12	10	7	12	n.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	3.01	−1.16	1.42	0	7	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	5.14	+1.03	2.01	2.5	10	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	41.5	−1.8	70	15	20	9	36	3.90	−1.35	1.38	T.	11	14	4	11	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	40.7	−2.8	71	16	19	9	27	3.82	−0.90	1.53	1.0	7	14	0	15	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	43.4	+0.4	65	† 3	20	10	36	3.47	−0.33	1.50	T.	6	13	2	14	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	42.6	.....	71	16	19	9	41	3.22	.....	1.48	0	5	16	0	13	e.	John W. Hamel.
Landrum	Spartanburg	1063	9	40.9	.....	70	15	19	22	45	5.16	.....	1.42	2.0	9	13	9	7	n.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	41.8	.....	73	15	16	22	45	3.60	.....	1.05	1.8	10	9	14	6	sw.	L. G. Roff.
Liberty	Pickens	900	24	41.8	−1.6	72	† 1	13	9	42	3.35	−2.25	1.95	0.2	5	13	8	8	w.	O. F. Boggs.
Little Mountain	Newberry	711	31	42.4	−3.4	71	15	18	9	37	2.97	−1.50	1.40	T.	5	19	0	10	w.	Miss Alberta Sease.
Newberry	Newberry	502	20	42.7	−2.6	72	15	20	9	40	3.42	−0.77	1.56	0.2	8	18	4	7	ne.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	4.40	−0.22	1.90	T.	8	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	43.8	−2.8	72	15	20	22	41	3.25	−1.39	1.50	T.	10	14	6	9	w.	W. S. Crout.
Santuck	Union	512	31	41.4	−1.8	72	15	16	9	47	5.51	+0.72	1.99	2.5	10	14	10	5	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	39.8	−3.0	72	16	18	22	38	5.41	+0.83	1.97	2.5	10	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	31	44.8	−1.4	73	15	20	9	39	3.26	−1.83	1.26	T.	6	18	1	10	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	41.3	−1.8	72	15	13	9	47	6.32	+1.02	1.92	0.8	11	14	7	8	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	b42.8	−2.3	b71	16	b19	9	b35	2.85	−1.49	.....	T.	8	18	7	4	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	24	41.8	−1.6	70	15	18	† 9	39	5.40	+1.34	1.70	2.0	7	11	12	6	n.	W. T. Clawson.
Division means and	extremes	.....	.....	42.4	−2.7	78	†15	13	9	47	3.89	−0.72	2.01	0.6	8	15	5	9	w	
Section means and	extremes	.....	.....	44.2	−2.8	79	18	13	9	47	3.54	−0.85	2.39	0.4	7	15	5	9	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.
T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

JANUARY, 1924.—Miscellaneous table, page 1, Charlotte mean temperature should be 40.0, and Due West mean should be 39.3. On page 2, Due West mean temperature should be 39.3. On page 4, Greenville maximum temperature, 24th, should be 43; Due West minimum, 25th, should be 35, and mean minimum should be 29.0.

Daily Precipitation for February, 1924.

Stations	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖	Edisto		.48			.10						.05								.23	.57					.10	.42	.91					2.86
Charleston ***	Coast	.16											.01					T.		.63	.02				T.	.10	.57	.08					1.57
Cheraw ‖	Pee Dee		.28			.15													.30	.63	1.48						.32	1.48	.38				5.02
Conway ‖	Waccamaw				.13								.08						.38	T.	1.88					.04	.54	1.10					4.10
Darlington ‖	Pee Dee		.14																	.30	.98					T.	.24	1.78	.07				3.51
Effingham ‖	Lynches																		.17	.62						.50	1.92	.06				3.27
Ferguson ‖	Santee			.05									.06					T.	.06	1.08						.28	1.52	.30				3.35
Florence 1 ‖	Pee Dee		.18			.03													.47	.86					.01	.29	2.39					4.23
Florence 2 ‖	do		.04																.48	.81						.26	1.79	.01				3.35
Garnett	Savannah	.20	.08			.03													.01							.10	.60	.39					1.41
Georgetown	Coast	T.																			2.00						.25	1.30					3.55
Kingstree ‖	Black												.10						.10		.60						.30	1.40					2.50
Mars Bluff	Pee Dee		.25																	.49	.68						.72	2.10	.10				4.34
Orangeburg 1	Edisto		.51									.06							.30	.50						.05	.21	.69					2.32
Orangeburg 2	do	.45										.05								.32						.05	.34	1.06					2.27
Paris Island	Coast	.32											T.					.02		.54	.25					.30	.61			T.			2.04
Pinopolis	Cooper																																
Rimini ‖	Santee																				1.10						.42	1.32					2.84
St. George	Edisto		.25			T.							T.							.05	.70	.05					.15	1.05	T.				2.25
Society Hill ‖	Pee Dee	.20			.02													.15	.92	1.18					.04	.40	1.90	.20					5.01
Summerville	Ashley		.28										.04							.41	.39					.08	.48	.78					2.46
Wedgefield	Wateree																			.70	.60						.30	1.10					2.70
Yemassee ‖	Ashepoo		.23																		.52	.12					T.	1.24					2.11
Western Portion.																																	
Aiken	Edisto	.03				.39														.31	.49						.39	1.31					2.92
Anderson	Savannah	.12			.19	.06	T.						.05					.07	.23	.76	.20					.22	.63	1.29					3.82
Blairs ‖	Broad					.27														.62	.33	.34					.18	1.55	.23				3.52
Calhoun Falls ‖	Savannah		.14			.30				T.		T.						T.	.26	.04	.50					T.	.55	1.25					3.04
Camden ‖	Wateree																		.02	.30	.92					.02	.20	.20	.05				1.71
Catawba ‖	Catawba				.10														1.09	.40	.41						.27	1.73	.22				4.22
Chappells ‖	Saluda		.05			.05													.45	.85	.60						.05	1.60					3.65
Chester	Broad	.06			.04	.30							T.					.80	.60	.20	.22					.68	.25	1.40	.22				4.17
Clemson College	Savannah	.26				.50												.10	.22	1.03	.60					.40	.60	1.83					5.54
Columbia ***	Congaree	.01			T.	.02						T.						.01	T.	.44	.10					.11	.89	.60					2.18
Due West ***	Savannah	.27	.01		.14	.10	T.					T.	.02					.39	.07	.63	.13			T.	T.	.13	1.40	.25					3.54
Edgefield ‖	Savannah		.21			.26													.08	.28	.48						.28	1.42					3.01
Gaston Shoals ‖	Broad	T.	.26			.41												.02	.69	.47	.99					.05	.24	1.83	.18				5.14
Greenville ***	Saluda	.07			.13	.11						T.						.14	.49	.95	.23				.01	.28	.79	.70					3.90
Greenwood ‖	do		.30			.31													.43	.33	.82						.10	1.53					3.82
Heath Springs	Wateree	.09				.04												.55		.91						1.50	38					3.47
Kershaw ‖	Lynches																		.45	.32	.73						.24	1.48					3 22
Landrum	Broad	.12			.07	.48						T						.22	.67	1.34	.43			T.			.41	1.42					5.16
Laurens	Saluda	.09			.10	.19						T.	T.					.65	.11	.51	.25			T.		.24	.41	1.05					3.60
Liberty	Savannah	.40				.30						T.						T.		1.95						.26	.44	T.					3.35
Little Mountain	Saluda																	.05	.42	.30							.80	1.40					2.97
Newberry	Saluda				.14		T.											.46	.25	.43	.16				T.	.10	.32	1.56					3.42
Pelzer ‖	do	.12	.02			.32							T.						.42	.16	.94					T.	.52	1.90	T.				4.40
Saluda	do	.09	.04			.24												.12	.19	.33	.32					.08	.41	1.50					3.25
Santuck	Broad	.14			.02	.20												.74	.32	1.25	.19				T.	.06	.60	1.99					5.51
Spartanburg ‖	do	.08	.19			.30							T.						.85	.40	1.02					.02	.40	1.97	.18				5.41
Trenton	Edisto	.09			T.	.35							T.					T	T.	.72	.35					T.	.49	1.26					3.26
Walhalla	Savannah	.20			.20	.28						.01						.10	.22	1.48	.68					.41	.82	1.92					6.32
Winnsboro ‖	Broad		.04																.22	.31	.38					*	*	*	1.90				2.85
Winthrop College	Catawba					.40												.70	.60	.85	.25						.90	1.70					5.40

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.6	80	24	3.41	12				
1888	49.9	76	15	4.83	10				ne.
1889	41.9	75	10	5.60	8				*w.
1890	56.1	83	21	2.38					sw.
1891	54.7	83	13	4.23					sw.
1892	49.2	73	18	3.64					*sw.
1893	51.0	82	25	5.05	12				
1894	48.9	76	16	4.35	10	8	9	11	sw.
1895	37.4	78	− 6	3.07	7	13	6	9	nw.
1896	48.2	81	5	6.13	8	13	8	8	sw.
1897	50.0	83	15	7.80	11	10	7	11	sw.
1898	44.5	78	10	0.86	3	15	6	7	w.
1899	43.0	80	−11	6.98	12	9	7	12	w.
1900	44.0	78	1	5.77	10	9	7	12	w.
1901	43.2	78	7	3.08	6	14	7	7	nw.
1902	40.6	77	11	5.89	8	12	6	10	nw.
1903	49.0	81	11	7.03	10	10	7	11	sw.
1904	45.2	86	15	3.59	9	12	6	11	ne.
1905	38.9	72	0	5.21	9	10	4	14	ne.
1906	46.0	76	12	2.58	6	16	5	7	ne
1907	45.1	84	16	3.64	8	10	8	10	ne.
1908	43.6	81	12	5.28	10	14	6	9	w.
1909	52.2	84	12	4.49	8	15	7	6	sw.
1910	44.7	79	15	4.71	9	12	6	10	w
1911	52.1	85	20	1.60	5	18	8	7	sw.
1912	42.3	80	8	5.99	8	15	5	9	w.
1913	48.9	80	22	4.50	8	12	4	12	w.
1914	44.6	78	14	4.41	9	12	6	10	n.
1915	48.6	80	20	3.15	6	15	6	7	n.
1916	48.5	81	11	3.96	8	17	6	6	sw.
1917	47.3	87	− 2	4.11	8	14	7	7	sw.
1918	52.4	88	11	1.89	7	14	7	7	sw.
1919	47.5	75	17	4.73	10	14	4	16	ne.
1920	42.8	76	8	4.05	8	12	5	12	nw.
1921	49.4	85	19	4.73	9	12	7	9	w.
1922	52.6	84	14	6.62	10	8	8	12	sw.
1923	44.8	82	11	3.83	8	14	4	10	w.
1924	44.2	79	13	3.54	7	15	5	9	w.
Period	47.6	88	−11	4.39	8	12	6	10	sw.

*Also nw.

Daily Temperatures for February, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	67	63	71	72	65	52	50	51	49	51	60	60	55	69	76	73	65	74	69	60	55	52	60	58	48	45	45	60	69	....	....	60.1
	Minimum	42	39	36	43	49	33	27	28	22	27	27	45	26	36	38	40	43	38	38	39	29	24	25	35	38	38	35	35	38	....	....	34.9
Charleston	Maximum	57	61	67	70	68	50	50	48	44	55	51	63	51	65	69	54	65	73	60	65	50	47	52	55	51	47	46	60	64	....	....	57.2
	Minimum	50	44	44	52	49	40	34	34	29	34	39	45	35	42	44	45	46	52	49	47	36	32	37	43	44	43	41	38	43	....	....	41.8
Cheraw§§	Maximum	55	62	70	68	65	49	46	40	46	58	59	55	57	62	69	56	48	46	40	58	42	46	54	45	45	41	40	62	63	..	....	53.3
	Minimum	37	41	33	40	39	35	26	26	22	28	24	45	28	28	30	33	35	37	35	35	30	22	22	36	37	35	33	28	29	....	....	32.0
Conway	Maximum	65	62	71	73	72	62	47	45	45	57	59	60	52	63	70	63	66	61	52	64	57	48	57	54	51	47	43	61	64	....	....	58.3
	Minimum	36	45	34	38	54	40	30	27	24	26	24	43	30	30	31	36	40	41	39	47	35	25	24	34	37	40	38	31	34	....	....	34.9
Darlington§§	Maximum	62	64	71	72	68	52	49	44	49	59	60	59	52	66	73	48	50	46	56	59	50	48	57	50	46	42	46	64	67	....	....	56.2
	Minimum	35	40	37	38	42	36	26	25	22	26	22	26	29	29	29	35	37	36	37	36	30	21	21	28	37	37	36	29	33	..	....	31.6
Ferguson§§	Maximum	61	65	68	72	65	46	50	47	53	51	67	61	56	65	73	70	69	68	63	61	50	45	50	55	47	49	43	60	66	....	....	58.5
	Minimum	32	33	31	33	45	36	29	25	24	23	24	30	25	30	29	41	41	40	41	40	33	26	23	28	34	36	37	30	34	....	...	32.2
Florence 1	Maximum	74	65	71	76	70	48	51	47	50	59	63	62	55	67	74	59	54	48	58	60	53	51	59	52	52	45	42	65	67	....	....	58.5
	Minimum	36	41	36	44	42	35	27	28	23	26	27	29	30	31	35	34	40	35	37	38	31	24	26	28	38	38	37	31	35	....	....	33.2
Garnett	Maximum	66	68	70	74	64	53	52	50	47	58	59	64	54	72	76	66	77	78	65	63	51	51	....	65	56	51	47	63	68	....	....	[a]61.5
	Minimum	41	39	35	41	53	36	30	28	26	24	49	42	27	34	34	45	46	44	49	48	33	26	....	35	42	41	39	32	43	....	....	[a]37.9
Georgetown	Maximum	63	62	68	73	75	68	54	51	49	58	57	53	58	67	74	78	70	71	55	68	57	51	54	56	48	51	46	60	68	....	....	60.8
	Minimum	47	41	37	39	37	37	27	29	23	24	23	30	27	31	32	36	38	47	40	43	30	24	23	35	36	36	37	31	38	....	....	33.7
Kingstree	Maximum	62	62	70	72	68	64	57	50	46	57	57	61	56	65	73	68	68	66	56	64	61	52	56	56	51	48	45	63	66	....	....	60.0
	Minimum	37	42	36	43	56	37	28	28	23	26	23	41	28	33	33	41	41	42	40	43	34	25	23	36	40	39	38	33	37	....	....	35.4
Orangeburg 1	Maximum	63	61	70	72	68	54	49	48	56	59	61	54	66	74	72	64	70	59	61	56	48	56	53	56	53	45	44	63	66	....	....	59.3
	Minimum	35	40	36	39	51	36	29	24	26	26	40	29	36	32	44	43	41	40	40	40	26	25	25	36	34	38	37	35	37	....	....	35.2
Paris Island§§§	Maximum	60	62	63	66	64	49	51	49	47	56	53	62	54	70	66	53	66	66	55	61	51	50	60	59	51	48	45	64	62	....	....	57 3
	Minimum	49	45	43	50	46	40	34	37	29	34	39	45	34	44	43	46	46	49	47	43	34	33	38	45	46	43	40	39	45	....	....	41.6
St. George	Maximum	62	63	70	71	66	47	50	50	47	56	59	60	....	68	72	57	70	73	62	62	52	49	58	60	48	46	43	64	67	....	....	[a]59.0
	Minimum	38	41	36	37	42	38	30	30	26	26	26	29	32	....	48	42	44	45	45	44	33	27	26	37	42	40	39	34	34	....	....	[a]36.1
Society Hill§§	Maximum	65	68	71	67	46	48	43	46	60	61	58	52	63	72	48	43	46	48	58	48	48	55	48	46	44	44	63	64	70	....	....	54.9
	Minimum	37	32	40	43	35	26	26	21	21	24	24	28	28	28	35	35	35	35	35	28	21	21	23	37	36	36	31	29	31	....	....	30.4
Summerville	Maximum	60	63	69	72	70	55	52	46	50	55	58	64	57	68	75	58	72	77	58	64	53	53	59	58	50	48	46	62	67	....	....	60.0
	Minimum	38	40	36	43	52	38	29	24	27	25	27	38	27	33	35	44	41	53	46	48	33	27	22	36	42	41	39	33	35	....	....	36.3
Wedgefield	Maximum	60	62	70	71	65	52	49	50	48	57	58	58	62	64	73	67	55	55	48	63	62	48	55	53	45	44	42	61	64	....	....	57.3
	Minimum	41	38	38	41	52	36	27	28	23	29	27	43	27	33	36	45	42	38	38	39	31	25	26	37	37	37	36	34	39	....	....	35.3
Yemassee	Maximum	65	63	70	72	65	54	52	50	47	57	58	64	56	71	76	71	72	79	67	63	55	51	59	62	56	50	46	64	67	....	....	61.4
	Minimum	38	40	35	42	52	37	29	29	24	23	29	38	26	32	36	44	44	46	48	47	31	25	25	34	42	40	38	32	33	....	...	35.8
Western Portion.																																	
Aiken	Maximum	62	60	67	68	66	50	48	48	45	55	56	53	51	65	71	69	55	64	61	57	51	57	57	57	53	44	41	64	66	....	....	57.3
	Minimum	41	49	57	45	48	32	27	27	22	29	32	38	27	38	39	45	41	39	39	38	28	26	26	40	37	37	38	35	37	....	....	36.4
Anderson	Maximum	60	63	68	63	53	39	46	46	46	57	58	56	52	67	72	57	44	55	50	57	47	45	53	45	40	40	50	62	65	....	....	53.7
	Minimum	41	31	37	38	38	28	23	24	18	32	28	38	27	34	40	41	34	36	33	34	27	21	25	38	34	36	33	33	35	....	....	32.3
Calhoun Falls§§§	Maximum	61	62	70	64	52	37	41	42	47	57	57	53	51	62	72	52	41	52	38	53	46	46	57	49	43	46	43	62	66	....	....	52.5
	Minimum	34	35	35	40	40	27	24	24	14	19	26	26	24	26	33	38	34	34	37	34	27	17	19	25	33	34	33	29	29	....	....	29.3
Camden§§§	Maximum	60	64	71	71	62	46	48	44	49	58	58	61	59	64	72	58	50	49	60	62	48	48	58	61	47	46	46	62	69	....	....	56.9
	Minimum	35	38	32	33	38	34	25	24	21	22	23	23	25	29	30	33	37	36	35	35	29	22	23	27	36	36	34	29	29	....	....	30.1
Chester	Maximum	51	61	68	58	58	44	45	41	45	55	54	53	50	61	71	55	43	49	44	59	43	44	54	47	40	39	45	60	55	....	....	51.4
	Minimum	39	36	30	41	42	31	22	26	19	29	21	37	25	31	32	37	33	36	42	34	27	20	25	36	33	36	32	29	30	....	....	31.1
Clemson College	Maximum	65	63	58	68	59	44	50	50	46	58	58	55	53	66	73	73	50	56	55	53	50	50	50	46	49	49	50	61	66	....	....	56.0
	Minimum	35	30	32	39	38	28	23	21	14	26	19	36	25	28	38	40	34	36	34	34	26	16	19	40	35	37	32	27	29	....	....	30.0
Columbia	Maximum	61	62	70	68	58	43	48	44	45	56	57	57	51	63	72	56	45	51	43	61	46	46	55	50	44	42	42	62	65	....	....	53.9
	Minimum	42	38	38	45	42	34	28	29	22	30	28	38	28	40	40	41	38	39	36	38	31	25	29	39	38	37	34	35	36	....	....	35.1
Due West	Maximum	58	60	66	62	53	37	45	42	43	56	54	53	49	65	71	55	42	51	43	53	44	44	51	47	38	39	44	60	62	....	....	51.3
	Minimum	41	36	34	40	37	29	23	25	18	31	30	33	25	31	40	42	33	37	32	33	27	20	26	35	33	33	32	34	33	....	....	31.8
Greenville	Maximum	53	60	65	59	53	35	46	41	42	55	50	52	48	62	70	53	39	57	39	56	44	42	51	43	38	39	49	59	62	....	....	50.4
	Minimum	39	40	34	45	35	28	23	25	20	32	29	28	27	37	34	39	33	37	32	33	27	22	27	35	34	34	32	38	37	....	....	32.6
Greenwood	Maximum	63	58	60	67	65	54	37	44	43	44	55	55	53	50	63	71	52	43	50	37	54	45	45	54	48	39	40	42	60	....	....	51.4
	Minimum	36	37	35	39	42	29	23	24	19	20	25	26	26	26	34	41	37	33	25	33	27	20	21	27	33	34	31	32	34	....	....	30.0
Heath Springs	Maximum	58	59	65	65	59	54	51	48	55	54	52	51	50	61	64	65	60	56	51	48	50	52	53	51	50	47	42	60	59	....	....	54.8
	Minimum	36	37	36	41	43	33	24	24	25	20	28	41	29	28	40	34	34	34	33	34	21	24	30	36	33	33	32	33	34	....	....	32.1
Kershaw	Maximum	53	62	68	68	62	46	46	42	46	57	57	55	50	63	70	71	43	46	43	59	46	45	53	47	46	40	41	61	64	....	...	53.4
	Minimum	35	38	35	38	46	33	23	25	19	29	24	35	27	29	36	35	35	35	34	36	27	28	23	37	35	35	32	31	31	....	....	31.9
Landrum	Maximum	67	59	66	61	54	38	38	37	45	51	52	48	49	57	70	65	41	55	56	54	44	45	48	40	38	36	50	59	60	....	....	51.1
	Minimum	36	36	49	36	38	27	22	20	20	32	24	35	30	25	39	38	32	34	32	32	25	19	20	28	31	31	31	38	31	....	....	30.7
Laurens	Maximum	58	69	63	67	56	40	47	46	45	59	56	54	51	64	73	63	43	53	47	59	47	47	55	47	40	38	45	63	65	....	....	53.6
	Minimum	36	35	36	34	40	29	22	21	17	27	20	39	27	28	30	40	33	36	33	33	26	16	19	39	33	36	32	27	30	....	....	30.1
Liberty	Maximum	72	63	63	65	56	56	48	47	45	58	51	54	62	70	72	64	45	60	52	56	46	44	49	45	40	41	49	61	65	....	....	55.1
	Minimum	36	35	33	43	33	29	18	18	13	26	20	33	28	30	32	38	31	32	31	32	25	14	22	34	32	33	30	22	32	....	....	28.6
Little Mountain	Maximum	57	62	65	64	62	45	48	44	40	45	55	56	53	63	71	66	44	47	45	58	54	44	53	50	43	40	40	50	61	....	....	52.6
	Minimum	36	35	36	40	43	30	24	24	18	28	28	26	34	35	38	40	33	34	33	33	26	21	29	37	33	34	30	33	40	....	....	32.1
Newberry	Maximum	58	69	69	67	58	43	46	45	45	57	57	53	50	64	72	59	43	47	45	59	46	46	56	47	42	41	42	61	63	....	....	53.2
	Minimum	40	35	33	41	41	32	25	25	20	28	23	28	26	32	33	42	35	37	35	35	28	21	24	38	34	36	33	30	33	....	....	32.2
Saluda	Maximum	60	69	67	65	64	46	46	45	43	56	55	53	53	64	72	69	49	54	50	56	55	46	54	51	50	42	43	61	64	....	....	55.2
	Minimum	39	37	34	39	45	32	26	27	21	26	22	43	24	34	31	42	36	36	36	36	28	20	22	38	35	37	34	29	34	....	....	32.5
Santuck	Maximum	53	63	67	66	59	46	46	44	46	58	56	55	52	62	72	62	44	51	46	66	51	47	55	49	43	39	45	61	69	....	....	53.9
	Minimum	31	30	28	32	43	32	20	20	16	25	17	41	21	25	27	35	34	36	34	35	26	17	19	39	34	36	32	28	27	....	....	29.0
Spartanburg	Maximum	51	60	66	66	56	39	42	39	45	53	53	51	50	50	72	49	39	53	37	58	41	54	52	42	38	36	47	60	69	....	....	50.4
	Minimum	28	35	31	37	37	29	21	22	20	21	24	28	27	29	34	37	36	32	32	32	27	18	21	25	32	34	32	32	30	....	....	29.1
Trenton	Maximum	63	62	70	66	60	45	48	46	46	56	58	56	53	65	73	63	45	59	49	56	49	49	57	53	47	43	41	62	65	....	....	55.4
	Minimum	42	37	36	40	44	32	25	26	20	29	30	43	26	37	41	44	39	44	36	36	21	24	26	39	36	36	34	33	40	....	...	34.1
Walhalla	Maximum	59	67	68	57	54	38	47	44	45	55	53	52	53	65	72	66	45	59	52	59	47	45	48	44	41	41	51	62	67	....	....	53.7
	Minimum	35	30	30	36	35	26	17	19	13	23	18	35	23	25	35	41	33	35	33	33	33	15	20	32	34	37	31	27	31	....	....	28.9
Winnsboro§§§	Maximum	57	60	69	67	....	....	....	43	46	57	57	53	50	62	71	48	41	46	37	59	43	45	....	....	....	....	....	....	60	61	....	....	[b]53.9
	Minimum	38	36	37	38	45	....	....	....	19	21	26	28	25	27	37	40	39	35	35	34	28	21	24	....	....	....	....	....	....	35	....	....	[b]31.8
Winthrop College	Maximum	54	61	68	65	59	43	43	40	46	56	55	52	50	61	70	60	42	49	45	58	49	45	52	48	38	37	45	59	69	....	....	52.1
	Minimum	39	36	38	43	43	31	21	22	18	31	25	35	28	31	48	35	32	35	32	33	26	18	24	33	31	31	32	31	31	....	....	31.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

-31.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., MARCH, 1924. No. 3.

GENERAL SUMMARY.

The month was far down in the group of cold Marches, with a prolonged period of abnormally low temperatures, especially during the day time, and freezing weather and frosts were quite frequent.

Sustained low temperatures, with quite frequent freezing weather and frosts, were generally unfavorable for satisfactory development of spring crops until the decidedly warmer weather during the last few days was attended by marked improvement, with woods greening rapidly. Winter cereals were in fair condition, except some poor oats, and gardens and truck were backward. Tobacco sets were in good condition, and sweet potato bedding progressed favorably during the last decade, when white potato planting became quite general. There was no serious damage by frost, and the cold checked abnormal development in tree fruits. Peaches, pears, and plums were in full bloom at the end of the month. The season was two to three weeks backward.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29.90 inches. The highest pressure was 30.32 inches at Asheville, N. C., on the 25th, and in the Section proper, 30.28 inches at Columbia and at Due West on the same date; the lowest pressure was 29.20 inches at Augusta, Ga., on the 20th, and in the Section proper, 29.26 inches at Columbia on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 42 stations, was 51.0°, or 3.9° below the normal. The highest temperature was 88° at Blackville on the 28th and Garnett on the 28th and 29th. The warm periods were from the 1st to the 6th and from the 26th to the 31st, inclusive, when the daily mean temperatures ranged generally from 5° to 17° above normal. The lowest temperature was 19° at Santuck on the 17th. During the prolonged cold period from the 8th to the 25th, inclusive, the daily mean temperatures ranged generally from 5° to 20° below normal.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 75%; noon, 57%; 8 p. m., 63%. The highest percentages occurred along the coast and in the Savannah and Saluda River drainage areas, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 2.74 inches, or 1.20 inches below the normal. There were but few days without precipitation, and the amounts were generally light, except about the 20th. The total monthly amounts were above 4 inches in the southern tip of the State; elsewhere, the measurements ranged downward to less than 2 inches in the eastern coast counties and in small areas of the interior. The greatest local monthly amount was 4.37 inches at Paris Island, and the least local monthly amount was 1.42 inches at Conway. The greatest amount during any 24 hours was 2.76 inches at Florence No. 1 on the 20th. The average number of rainy days was 12% below normal.

Snowfall, ranging from Traces to 2.0 inches, occurred in various sections of the northern and western counties on the 9th, 10th, 11th, 13th, 14th, and 15th, and sleet on the 9th and 14th.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 9.9 miles. The highest average velocity was 14.9 miles per hour at Savannah, Ga., and in the Section proper, 11.7 miles per hour at Charleston; the lowest average velocity was 6.3 miles per hour at Augusta, Ga., and in the Section proper, 8.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the southeast at Savannah, Ga., on the 20th, and in the Section proper, 47 miles per hour from the west at Greenville on the 26th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 232.3 hours, or 63% of the possible amount. The average number of clear days was 17; partly cloudy, 6, and cloudy, 8, as against normals of 14, 8, and 9 days, respectively.

RIVER CONDITIONS.

Freshet conditions prevailed in the upper Savannah basin and in the upper streams of the Santee River District about the 21st and 22d. The Santee River was near or above flood stages at Rimini and Ferguson practically throughout the entire month.

MISCELLANEOUS PHENOMENA (dates).

Earthquake.—Two tremors, 11:06 a.m., 14th.

Halos—Lunar: Charleston, 17; Columbia, 17, 19; Due West, 17, 19; Greenville, 17; Santuck, 18; Walhalla, 17. *Solar:* Columbia, 17, 19; Due West, 19, 26; Greenville, 8, 17, 19; Walhalla, 13.

Hail.—Chester, 20; Ferguson, 29; Little Mountain, 20; Trenton, 20; Walhalla, 20.

Thunderstorms.—Charleston, 6, 28; Columbia, 20, 29; Due West, 1, 2, 20, 29; Garnett, 20; Greenville, 20, 29; Landrum, 7; Laurens, 20, 29; Liberty, 20; Saluda, 29; Santuck, 20; Trenton, 29; Walhalla, 20, 29.

MISCELLANEOUS DATA FOR MARCH, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	29.91	42.1	71	18	2.56	0.74	11.6	nw.	75	56	57	51
Augusta, Ga.	29.91	53.0	84	28	2.89	1.73	6.3	nw	77	60	63	69
Charleston, S. C.	29.90	54.0	80	30	3.68	1.82	11.7	nw.	74	57	69	64
Charlotte, N. C.	29.87	48.6	79	25	2.40	1.17	6.9	nw.	70	56	58	61
Columbia, S. C.	29.90	52.2	81	27	2.90	2.29	8.6	nw.	76	57	60	62
Due West, S. C.	29.92	48.6	80	24	2.97	1.98	10.6	w.	76	51	....	68
Greenville, S. C.	29.87	48.4	76	25	2.46	1.15	9.8	w.	75	62	61	66
Savannah, Ga.	29.92	55.3	85	29	4.54	1.86	14.9	nw	76	57	65	62
Wilmington, N. C.	29.88	52.3	78	29	2.70	2.27	8.8	w.	75	54	68	60
Means and ex- tremes.	29.90	50.5	85	18	3.01	2.29	9.9	nw.	75	57	63	63

JUN 2 1924
UNIVERSITY OF ILLINOIS

Climatological Data for March, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	54.4	−3.3	88	28	21	11	50	2.15	−1.17	0.95	T.	7	19	2	10	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	54.0	−3.4	80	30	30	11	26	3.68	−0.04	1.82	0	9	11	6	14	nw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	49.3	−4.1	80	29	24	†16	44	1.75	−1.84	1.33	T.	4	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	34	53.6	−2.7	83	29	27	17	40	1.42	−2.17	0.27	0	8	19	3	9	nw.	Paul Quattlebaum.
Darlington	Darlington	175	29	51.4	−4.0	83	†29	24	17	44	3.37	+0.36	2.20	0	6	17	0	14	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	2.93	−0.86	1.52	0	6	.....	.. .	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	38	†50.4	−5.6	83	30	†25	17	†40	2.55	−0.90	1.05	0	8	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	42	52.4	−3.0	83	†29	27	†16	46	3.75	+0.58	2.76	0	5	23	3	5	sw.	H. K. Gilbert.
Florence 2	.....do	136	9	.....	.....	.....	.....	.....	.....	.....	3.52	+0.35	2.33	0	6	15	5	11	w.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	54.7	.....	88	†28	28	11	44	3.41	.....	1.40	0	8	14	9	8	w.	Maner B. Robert.
Georgetown	Georgetown	18	31	52.7	−5 4	79	30	28	17	39	1.63	−1.88	0.90	0	2	26	1	4	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	42	53.9	−2.7	85	29	26	17	42	2.29	−1.11	1.05	0	6	19	3	9	w.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	2.75	... .	1.90	0	5	.....	.....	.....	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	8	53.6	.....	85	†28	26	11	42	1.94	.....	0.55	0	10	14	14	3	w.	U. S. Fisheries Station.
Orangeburg 2	.....do	264	4	.....	.....	.....	.....	.....	.....	.....	2.20	.....	0.85	0	7	19	5	7	nw.	State A. and M. College.
Paris Island	Beaufort	13	43	54.2	−4.2	77	26	28	11	29	4.37	+1.02	2.01	0	8	12	8	11	w.	U. S. Naval Aerological Sta.
Pinopolis **	Berkeley	54	77	53.3	−3.2	80	†27	26	18	.....	2.47	−1.15	1.00	0	6	20	5	6	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	2.53	−1.24	0.50	0	6	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	53.0	−4.7	87	30	28	†11	36	2.18	−1.23	0.43	0	7	13	8	10	.....	R. L. Utsey.
Society Hill	Darlington	192	33	°50.9	−3.8	°85	30	°26	16	°41	3.48	+0.21	1.95	T.	7	22	7	2	nw.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	53.6	−4.6	81	29	27	†11	38	2.37	−0.95	0.98	0	7	22	4	5	w.	E. P. Lawton.
Wedgefield	Sumter	249	34	53.1	−2.4	83	31	26	11	41	2.31	−0.25	1.53	0	6	18	6	7	w.	W Hampton Ramsey.
Yemassee	Hampton	24	35	54.3	−3.5	87	29	26	16	42	3.11	· 0.38	0.70	0	7	13	9	9	nw.	W. C. Hutson.
Division means and extremes		.....	....	52.9	−3.7	88	†28	21	11	50	2.70	−0.80	2.76	T.	7	17	6	8	w.	
Western Portion.																				
Aiken	Aiken	527	62	53.1	−2.1	84	29	23	11	44	3.15	−0.81	1.63	0	7	17	0	14	nw.	Frank B. McCoy.
Anderson	Anderson	764	31	50.0	−4.0	81	28	24	†11	41	3.18	−1.42	2.08	T.	7	19	2	10	w	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	2.30	−1.40	1.48	T.	7	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	48.6	.....	83	28	23	16	39	2.61	−2.31	1.05	T.	8	19	4	8	w.	L. M. Parker.
Camden	Kershaw	222	74	49.8	−4.5	82	†28	24	†11	42	2.88	−0.82	1.80	0	7	21	0	10	w.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	1.69	−2.42	0.78	0.2	7	...	.....	.....	.....	James C. Faris.
Chappells	Newberry	462	19	.....	.....	.....	.....	.....	.....	.....	3.12	−0.75	1.52	0	7	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	2	49.2	.....	79	31	21	16	45	1.90	... .	1.00	T.	9	16	8	7	ne.	J. C. Cornwell.
Clemson College	Oconee	850	32	49.4	−3.0	84	30	22	17	45	2.63	−2.34	1 26	0	5	21	4	6	s.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	52.2	−3.0	81	31	27	11	35	2.90	−0.80	2.29	0	7	12	9	10	nw.	U S. Weather Bureau.
Due West	Abbeville	711	10	48.6	−7.4	80	28	24	11	35	2.97	−1.78	1.98	0	12	12	11	8	w.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	3.52	−0.67	1.22	0.2	7	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	3.75	−1.01	1.88	0.5	13	.....	. .	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	48.4	−1.5	76	28	25	11	28	2.46	−2.93	1.15	T.	13	12	9	10	w.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	48.3	−4.4	82	29	23	11	38	2.88	−1.14	1.33	0	5	16	0	15	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	50.1	−3.3	77	31	25	11	37	1.60	−1.89	1.10	T.	4	16	1	14	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	50.2	.....	82	31	25	11	41	2.14	.....	1.20	0	4	17	0	14	w.	John W. Hamel.
Landrum	Spartanburg	1063	9	48.3	.....	78	30	24	11	41	3.69	.....	1.48	T.	7	16	7	8	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	49.7	.....	81	28	21	16	48	2.74	.....	1.58	T.	8	10	16	5	s.	L. G. Roff.
Liberty	Pickens	900	24	47.6	−5.1	81	31	21	11	43	1.90	−3.57	0.80	2.0	5	13	16	2	w.	O. F. Boggs.
Little Mountain	Newberry	711	31	°50.8	−4.6	°81	31	°23	11	°38	2.57	−1.09	1.91	T.	5	.....	.....	.....	nw.	Miss Alberta Sease.
Newberry	Newberry	502	20	50.0	−4.6	81	†28	24	†16	46	2.77	−1.02	1.85	T.	7	22	1	8	nw.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	3.12	−1.66	1.90	T.	8	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	°50.6	−5.3	°81	†28	°24	17	°42	3.56	−0.45	1.95	T	8	13	11	7	sw.	W. S. Crout.
Santuck	Union	512	31	48.4	−4.8	80	†28	19	17	50	2.63	−1.80	1.62	T.	9	16	5	10	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	47.4	−3.7	80	†28	25	†11	40	2.72	−2.16	1.40	1.3	11	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	31	52.4	−3.6	83	†28	24	†11	43	3.51	−0.78	2.34	0	6	14	10	7	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	47.4	−3.9	80	31	22	11	44	3.13	−3.46	1.22	0.8	8	13	13	5	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	49.7	−3.8	82	31	24	16	39	2.61	−1.38	1.06	T.	9	19	0	12	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	24	49.3	−4.0	79	31	23	11	42	2.30	−1.57	1.20	0	4	12	13	6	s.	W. T. Clawson.
Division means and extremes		.....	....	49.1	−4.6	84	†29	19	17	50	2.76	−1.60	2.29	0.2	7	16	6	9	w.	
Section means and extremes		.....	....	51.0	−3.9	88	†28	19	17	50	2.74	−1.20	2.76	0.1	7	17	6	8	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for March, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto						.21			.20	.21				.44	.04			.10		.95												2.15
Charleston ***	Coast					.08	1.74	T.		.47				.10	.32				T.		.90	T.			.01			T.	.04		.02	3.08
Cheraw ‖‖	Pee Dee						T.					.08			T.	.07					T.	1.33			.14						.13	1.75
Conway ‖‖	Waccamaw						.10	.17			.24				.27						.22	.20			.05						.17	1.42
Darlington ‖‖	Pee Dee						T.				.32	T.			.15						.18	2.20			.12						.40	3.37
Effingham ‖‖	Lynches						.07				.52				.30						.07	1.52			T						.45	2.93
Ferguson ‖‖	Santee						.21	.16			.47				.38						.52	.53			.04						.24	2.55
Florence 1 ‖‖	Pee Dee														.09						.23	2.76								.06	.61	3.75
Florence 2 ‖‖	do						.02				.35	T.			.12						T.	2.33			.07						.63	3.52
Garnett	Savannah					.07	1.40			.40	.18	T.		T.	.63						.70			.02							.01	3.41
Georgetown	Const							.73			T.	T.													.90								1.63
Kingstree ‖‖	Black						.13	.12			.32				.30						.37	1.05											2.29
Mars Bluff	Pee Dee										.37				.15							1.90			.08						.25	2.75
Orangeburg 1	Edisto					.10	.13			.14	.24				.42						.55	.11	.02	.03							.20	1.94
Orangeburg 2	do					.23	.06			.43				.42							.85			.02					.19			2.20
Paris Island	Coast					.96	1.05			.41				.14	.50						1.18			.09							.04	4.37
Pinopolis	Cooper					.20	.42		.25	.50	.10										1.00											2.47
Rhuhi ‖‖	Santee						.25				.50				.40						.40	.50									.48	2.53
St. George	Edisto						.32	.33			.35				.43						.30	.40				.05							2.18
Society Hill ‖‖	Pee Dee	.10				.05			.40					.30							1.95	.18							.50				3.48
Summerville	Ashley					.08	.98			.21	.19				.39						.49								.03				2.37
Wedgefield	Wateree									.08	.20				.30						1.53									.10	.10		2.31
Yemassee ‖‖	Ashepoo						.70	.70			.52				.47						.30	.40			.02								3.11
Western Portion.																																	
Aiken	Edisto									.33	.38				.38						1.63	.25			.03					.15			3.15
Anderson	Savannah		.17			.19				.25	.11				.26						2.08									.12			3.18
Blairs ‖‖	Broad		.20				.11				.27				.04	T.					.68	1.48									.12		2.30
Calhoun Falls ‖‖	Savannah						.26				.30				.12	.03					.60	1.05			.05						.20		2.61
Camden ‖‖	Wateree		.02				.10				.30				.06						.30	1.80									.30		2.88
Catawba ‖‖	Catawba						.19			.05	.30	.02			T.	T.					.25	.78			.10								1.69
Chappells ‖‖	Saluda		.10				.05				.40				.15						.85	1.52									.05		3.12
Chester	Broad					.14	.04			.12	.22				.12						1.00			.06	.05					.15			1.90
Clemson College	Savannah					.57				T	.40				.30						1.26									.10			2.63
Columbia ***	Congaree		T.			.02				.31	T.			.02	.14				T		2.29			.02	T					.10			2.90
Due West ***	Savannah	.01	.06			.24	.01			.28	.01			.10	.13				.01		1.98			.01						.13		T.	2.97
Edgefield ‖‖	Savannah										.52	.13			.40	.20					.83	1.22										.22	3.52
Gaston Shoals ‖‖	Broad					T.	.46	.41			.50	.15			.05	.06			.01	.08	.20	1.68			.06						.04	.05	3.75
Greenville ***	Saluda	.04	.05		T.	.48	T			.24	.15			.11	.14				.01		1.10	.06		.01				T.		.02	05		2.46
Greenwood ‖‖	do						.16				.42										.68	1.33										.29	2.88
Heath Springs	Wateree									.22	T.				T.						1.10			.20						.08			1.60
Kershaw ‖‖	Lynches						.39														.34	1.20			.21								2.14
Landrum	Broad		.04			.92		.42			.45				.22						1.48									.16			3.69
Laurens	Saluda		.27			.23	.01			.17	.11				.21	T.					1.58	T.		T						.16			2.74
Liberty	Savannah		T.		T.	.50				.20	.20				.20						.80			T.				T.	T.				1.90
Little Mountain	Saluda		.12				.06				.33				T.						1.91									.15			2.57
Newberry	Saluda		.15			.07				.31	.05				.20						1.85			T.						.14			2.77
Pelzer ‖‖	do		.12			T.	.32				.44				.20	.04			T.		.60	1.30			T.						.10		3.12
Saluda	do		.05			.05				.21	.23				.31						1.95									.74	.02		3.56
Santuck	Broad		.08			.11	.02			.06	.32				.21						1.62	T.		T.					.05	.16			2.63
Spartanburg ‖‖	do		.03		T.	T.		.02			.50	T.		.05	.20	.10				T.	.30	1.40			.02				.02		.08		2.72
Trenton	Edisto		.03			12				.49					.33						2.34			T.	T.				.20	T.		3.51
Walhalla	Savannah		.10			1.00				.16	.27				.30				T.		1.22								.02	.06			3.13
Winnsboro ‖‖	Broad		.20				.10				.23				.30	.20					.40	1.06			.04						.08		2.61
Winthrop College	Catawba					.25					.75				.10						1.20												2.30

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	51.4	82	23	1.85	7				
1888	52.1	80	19	6.71	9				sw.
1889	51.6	77	20	3.41	7				w.
1890	52.5	85	11	2.96					sw.
1891	50.0	78	20	7.88					ne.
1892	52.8	78	23	3.78					nw.
1893	53.9	85	18	2.22	9	13	9	9	sw.
1894	59.3	90	15	2.08	7	15	11	5	sw.
1895	53.5	90	24	5.71	11	12	8	11	sw.
1896	53.1	93	19	2.12	5	14	10	7	sw.
1897	56.4	92	21	4.54	12	7	9	15	sw.
1898	59.1	92	22	2.99	7	11	9	11	ne.
1899	55.2	89	12	3.89	9	12	10	9	sw.
1900	51.6	79	22	4.22	9	12	8	11	sw.
1901	53.4	86	10	4.36	8	14	8	9	sw.
1902	54.0	86	19	4.08	10	14	7	10	sw.
1903	60.4	84	26	5.92	10	7	9	15	ne.
1904	56.2	87	23	3.42	9	13	9	9	ne.
1905	57.8	93	28	2.15	6	15	6	10	ne.
1906	51.6	82	18	5.34	10	13	6	12	w.
1907	62.0	99	20	1.57	5	15	10	6	sw.
1908	61.4	90	29	4.56	8	15	8	8	sw.
1909	54.1	90	27	4.80	11	14	8	9	sw.
1910	59.4	93	22	1.38	4	21	6	4	sw.
1911	54.9	90	22	2.30	7	17	8	6	w.
1912	53.2	88	15	6.79	10	14	5	12	ne.
1913	56.9	88	22	7.40	10	13	5	13	w.
1914	50.2	91	12	2.59	8	14	9	8	w
1915	46.3	81	22	2.66	7	15	8	8	nw.
1916	53.7	87	15	2.14	5	19	8	4	sw.
1917	55.0	88	14	5.39	11	14	6	11	sw.
1918	59.7	89	29	1.83	6	16	8	7	sw.
1919	56.5	82	27	2.86	7	17	7	7	ne.
1920	52.3	87	10	6.73	8	17	6	8	sw.
1921	62.5	91	28	2.28	6	16	7	8	sw.
1922	55.5	89	24	7.04	11	15	7	9	w.
1923	56.2	88	17	5.14	9	15	6	10	sw.
1924	51.0	88	19	2.74	7	17	6	8	w.
Period	54.9	99	10	3.94	8	14	8	9	sw.

Daily Temperatures for March, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	71	69	72	76	74	72	69	70	63	49	49	59	60	50	55	58	69	73	70	65	66	64	66	64	72	76	77	88	86	80	87	68.4
	Minimum	38	42	35	40	54	54	42	34	41	33	21	33	30	33	27	25	23	43	44	50	41	30	38	39	36	40	48	54	65	64	53	40.3
Charleston	Maximum	70	64	64	69	70	59	65	56	53	57	49	56	52	48	54	53	57	58	63	64	59	55	59	63	60	67	63	73	73	80	69	61.4
	Minimum	44	50	44	48	59	56	53	46	46	34	30	37	36	39	34	34	38	48	50	56	44	38	45	47	45	53	54	54	62	63	59	46.6
Cheraw§§	Maximum	60	65	70	72	68	53	64	62	48	41	51	54	55	40	50	56	59	68	57	50	49	57	60	61	56	66	56	71	80	68	76	59.5
	Minimum	30	43	33	34	45	48	45	30	36	38	28	37	28	34	27	24	24	43	39	47	40	35	39	44	37	49	37	41	63	63	52	39.1
Conway	Maximum	70	65	70	72	75	68	64	61	56	49	52	57	57	52	53	54	66	69	69	67	64	63	62	62	65	77	75	73	83	77	78	65.3
	Minimum	33	45	36	36	55	55	50	35	38	39	29	38	30	39	30	29	27	43	46	47	46	38	37	45	38	48	41	41	65	65	52	41.8
Darlington §§	Maximum	72	62	71	75	72	56	66	64	52	43	52	58	54	40	53	56	68	72	69	59	52	59	61	63	67	77	72	81	83	80	83	64.3
	Minimum	37	44	36	33	42	50	47	29	35	37	27	31	29	34	28	27	24	34	43	47	41	35	35	42	37	46	39	41	52	65	51	38.6
Ferguson §§	Maximum	66	67	69	74	72	67	68	65	64	47	50	50	49	43	54	55	64	45	68	63	51	58	62	62	66	70	75	81	84	83	78	63.5
	Minimum	30	31	32	34	43	54	46	44	38	38	27	30	34	36	29	26	25	33	.....	.....	.....	34	36	40	39	.....	.....	41	64	....	49	[f]37.3
Florence I	Maximum	68	70	72	74	69	65	63	61	58	53	55	58	54	43	54	57	68	73	70	60	51	59	64	66	69	79	78	79	83	79	83	65.6
	Minimum	36	38	37	40	43	40	38	39	38	35	28	30	31	30	29	27	27	34	45	46	43	35	43	42	43	42	43	47	50	65	54	39.3
Garnett	Maximum	72	66	72	77	75	61	66	67	57	52	48	55	55	47	54	56	67	70	74	68	61	60	69	64	70	80	76	88	88	79	80	66.9
	Minimum	35	46	33	39	53	51	50	40	46	40	28	36	29	37	30	29	29	45	49	53	46	36	36	44	41	48	49	50	52	65	52	42.5
Georgetown	Maximum	72	70	68	70	74	70	70	66	70	74	55	52	58	55	60	60	54	56	56	58	78	68	68	69	64	64	60	60	66	79	78	65.2
	Minimum	38	45	....	35	....	58	43	37	36	35	.....	.....	31	.....	.....	.....	28	.....	.....	.....	.....	40	.....	.....	.....	.....	.....	46	.....	.....	51	40.2
Kingstree	Maximum	71	60	70	73	74	72	63	65	59	51	52	57	58	51	53	54	67	68	70	65	62	61	62	62	67	79	73	77	85	88	78	66.0
	Minimum	34	45	35	37	55	54	47	34	39	38	27	34	30	38	29	27	26	42	47	48	44	35	37	46	39	47	55	44	65	65	53	41.8
Orangeburg I	Maximum	70	65	69	76	73	61	65	65	62	46	50	55	54	52	52	54	66	70	67	66	64	57	63	61	68	78	76	85	84	82	85	65.8
	Minimum	37	45	35	36	52	54	46	37	42	39	26	32	28	34	31	29	28	42	47	51	43	33	38	43	37	46	47	47	[d]64	64	50	41.4
Paris Island§§	Maximum	73	67	60	66	69	59	65	60	56	50	48	56	54	49	55	56	56	60	64	64	55	58	60	62	62	77	70	69	71	74	64	61.6
	Minimum	44	50	46	48	56	55	51	45	46	33	28	39	38	42	37	36	42	48	49	56	43	39	46	49	49	51	54	54	62	60	57	46.9
St. George	Maximum	69	65	72	74	74	60	65	66	51	50	52	57	55	43	53	55	60	68	70	65	52	60	65	63	69	78	78	80	87	77	79	64.9
	Minimum	38	41	35	36	40	52	48	38	40	41	28	30	36	35	31	28	28	40	48	51	45	35	39	42	41	42	50	45	55	68	51	41.2
Society Hill §§	Maximum	67	69	73	70	67	....	63	52	43	54	57	58	40	54	55	67	71	68	63	53	57	63	64	67	77	73	82	83	80	85	68	[e]64.8
	Minimum	33	35	35	36	48	29	....	29	37	28	28	29	29	27	24	26	30	41	42	40	34	35	42	38	38	38	38	47	65	56	53	[e]37.0
Summerville	Maximum	71	66	73	74	76	59	66	65	53	54	51	58	56	49	54	55	65	65	70	65	65	60	65	65	68	77	74	80	81	78	76	65.6
	Minimum	36	45	34	37	56	55	48	38	43	40	27	35	29	38	29	27	28	41	48	51	45	34	38	40	39	43	49	43	63	63	51	41.7
Wedgefield	Maximum	68	65	70	75	70	60	65	62	53	42	50	56	54	48	52	54	65	70	68	62	58	60	60	63	66	78	74	82	82	78	83	64.3
	Minimum	38	44	38	39	56	53	46	35	41	38	26	35	29	35	30	27	29	45	44	49	43	33	39	43	39	49	50	47	66	64	50	41.9
Yemassee	Maximum	71	67	72	76	76	64	66	66	58	52	48	56	55	49	53	55	66	69	72	66	66	60	66	64	77	78	75	84	87	83	78	66.9
	Minimum	40	44	32	36	53	55	48	37	44	40	27	35	27	36	29	26	27	43	47	52	43	34	35	42	42	42	50	45	62	67	52	41.7
Western Portion.																																	
Aiken	Maximum	68	65	69	73	71	68	66	67	63	50	47	56	55	49	49	53	65	70	70	65	57	57	61	61	65	78	73	84	84	77	82	65.1
	Minimum	30	43	39	40	50	53	46	41	40	36	23	33	29	34	32	31	32	44	45	49	41	34	38	41	31	49	50	51	49	63	56	41.1
Anderson	Maximum	67	63	67	68	60	60	65	67	52	42	47	53	50	45	50	54	65	57	65	58	47	57	56	62	62	75	72	81	72	82	80	61.3
	Minimum	38	40	35	39	52	48	39	30	35	31	24	32	28	33	27	24	27	37	37	40	39	30	40	38	35	48	45	50	64	54	62	38.7
Calhoun Falls§§	Maximum	66	68	62	68	71	62	59	63	62	46	41	42	55	51	42	52	54	66	68	68	50	46	58	61	60	66	73	75	83	75	78	61.0
	Minimum	34	36	33	34	41	49	40	30	33	35	25	25	28	29	27	23	28	29	36	40	38	30	35	37	32	34	45	47	53	60	52	36.1
Camden §§	Maximum	69	65	71	74	68	57	63	63	64	41	54	58	54	44	49	51	67	68	70	58	52	60	61	62	68	75	74	82	80	79	82	64.1
	Minimum	29	33	33	34	38	48	43	31	32	33	24	24	27	33	28	24	25	26	36	36	40	32	37	42	35	43	42	42	43	60	50	35.6
Chester	Maximum	66	63	64	72	65	56	60	64	49	40	49	51	50	44	49	53	64	68	63	52	50	55	55	58	63	75	69	76	75	76	79	60.4
	Minimum	31	32	31	38	52	42	38	28	38	32	25	35	26	32	28	21	23	40	42	43	43	30	41	40	42	49	42	46	60	56	53	38.0
Clemson College	Maximum	69	70	65	67	68	64	67	68	65	43	49	52	53	56	52	54	64	67	66	60	51	56	58	60	64	75	71	79	79	84	80	63.7
	Minimum	31	38	29	31	48	37	34	32	30	32	24	32	30	29	26	23	22	38	31	42	38	28	40	34	31	48	45	48	41	51	44	35.2
Columbia	Maximum	68	63	68	72	68	55	64	63	48	42	50	53	52	40	50	52	65	69	63	59	49	54	60	60	66	75	70	81	79	77	81	61.8
	Minimum	41	43	37	47	55	53	46	37	39	30	27	35	31	35	32	28	30	47	45	43	40	33	41	44	39	51	50	53	67	64	59	42.6
Due West	Maximum	64	60	64	66	61	56	62	62	46	41	47	50	48	41	47	51	62	66	62	52	44	55	58	64	73	69	80	73	75	78	59	59.1
	Minimum	36	38	33	42	50	47	41	30	35	26	24	31	27	31	27	24	27	43	38	42	34	30	40	38	36	47	46	50	64	55	53	38.2
Greenville	Maximum	63	60	64	64	58	56	61	58	47	39	45	45	47	38	45	51	61	64	61	50	47	53	49	55	62	72	69	76	70	74	76	57.4
	Minimum	40	40	39	40	48	46	41	31	34	27	25	34	31	31	28	25	33	47	41	39	36	32	41	42	38	50	45	49	64	55	54	39.5
Greenwood	Maximum	63	65	61	67	69	61	55	62	62	62	41	47	52	50	40	43	51	64	69	64	58	45	55	56	59	64	72	70	82	75	75	60.0
	Minimum	36	39	34	36	45	48	40	32	36	34	23	25	28	30	26	25	26	31	36	42	38	31	33	38	34	37	45	47	53	55	53	36.6
Heath Springs	Maximum	63	63	65	67	65	61	58	57	56	55	54	52	51	48	43	52	63	63	62	59	54	55	56	59	62	72	71	74	75	76	77	61.1
	Minimum	41	41	35	38	52	48	35	31	38	30	25	34	30	32	28	26	30	45	41	42	38	31	40	41	36	48	43	48	48	60	56	39.1
Kershaw	Maximum	68	64	69	73	65	55	63	60	50	49	50	54	53	47	50	53	65	70	62	59	50	56	58	60	64	75	69	80	80	79	82	62.3
	Minimum	38	41	34	36	51	44	42	29	35	31	25	31	28	32	26	24	29	41	43	44	34	31	40	41	39	39	44	46	46	60	52	38.0
Landrum	Maximum	65	58	68	67	59	56	63	57	54	37	36	41	50	45	43	49	64	63	62	57	47	51	59	56	62	74	70	77	73	78	77	58.6
	Minimum	29	32	49	31	46	37	40	31	36	31	24	36	34	30	29	29	35	42	39	38	36	34	39	41	33	47	44	38	65	53	50	38.0
Laurens	Maximum	68	63	69	68	63	55	65	63	53	43	51	51	53	46	51	54	65	71	64	58	50	57	56	59	66	75	72	81	76	77	80	62.0
	Minimum	35	38	29	32	51	47	37	26	37	34	25	31	26	33	25	21	23	43	36	41	40	28	40	36	39	49	45	42	65	65	48	37.4
Liberty	Maximum	65	62	67	66	61	61	61	61	52	40	46	51	48	45	45	55	64	66	65	56	47	56	55	52	63	74	72	79	71	77	81	60.1
	Minimum	34	36	29	32	41	43	37	27	32	28	21	30	25	29	23	23	28	42	32	38	36	27	39	38	31	45	43	45	62	50	45	35.2
Little Mountain	Maximum	62	61	66	.....	.....	.....	.....	.....	.....	.....	49	51	53	47	40	51	59	69	64	57	49	56	58	60	68	73	70	80	77	76	81	[e]61.5
	Minimum	39	38	35	.....	.....	.....	.....	.....	.....	.....	23	30	33	30	28	26	45	43	40	43	38	29	38	40	35	40	55	61	62	56	54	[e]40.0
Newberry	Maximum	66	62	67	70	63	57	64	62	51	42	51	51	52	48	50	52	64	70	65	53	48	57	58	61	65	74	71	81	78	76	81	61.6
	Minimum	34	41	32	40	49	49	40	30	37	32	25	32	26	34	27	24	24	45	38	43	39	30	39	40	34	49	42	48	66	57	50	38.3
Saluda	Maximum	65	62	67	70	64	60	63	64	58	44	48	54	51	50	49	53	69	.....	66	63	50	68	60	61	66	74	72	81	78	76	81	[e]62.9
	Minimum	35	42	30	34	53	51	41	29	38	36	26	34	27	33	27	25	24	.....	36	45	41	29	33	36	32	48	46	45	66	57	53	[e]38.4
Santuck	Maximum	61	64	67	69	65	55	65	61	51	41	48	52	53	46	50	53	64	69	64	53	52	57	55	61	64	75	71	80	76	77	80	61.3
	Minimum	26	32	27	30	52	45	35	28	33	34	26	36	24	33	24	22	19	36	31	42	39	29	40	37	29	45	36	39	64	55	49	35.4
Spartanburg	Maximum	67	61	66	70	54	54	65	60	50	38	45	45	51	44	48	51	64	66	61	46	50	55	50	59	64	76	71	80	74	78	80	59.5
	Minimum	33	35	32	33	34	37	42	32	34	32	25	31	29	29	30	30	25	26	34	37	38	31	34	40	35	37	44	45	47	52	50	35.3
Trenton	Maximum	68	64	70	71	64	59	64	66	65	43	48	55	53	47	59	54	67	70	68	60	47	56	61	60	67	75	73	83	79	77	83	63.7
	Minimum	40	40	34	40	52	50	52	54	41	34	24	33	28	32	28	24	30	45	42	40	39	31	40	39	39	47	48	49	66	58	59	41.2
Walhalla	Maximum	65	63	65	67	60	58	60	65	54	40	44	44	48	45	46	57	64	67	62	58	46	54	52	59	63	73	72	78	72	77	80	59.9
	Minimum	33	38	32	31	38	38	34	26	34	29	22	32	26	31	24	24	23	40	32	42	36	28	39	30	31	39	42	[d]41	63	50	43	34.8
Winnsboro §§	Maximum	66	61	67	72	64	54	63	61	49	40	50	51	52	41	49	52	65	71	65	52	50	56	57	59	65	74	70	81	78	77	82	61.1
	Minimum	38	41	35	44	45	49	41	31	34	36	25	27	28	31	27	24	26	32	41	43	39	31	38	41	37	40	47	49	54	59	55	38.3
Winthrop College	Maximum	66	62	67	68	63	55	63	60	54	37	48	48	51	46	47	51	65	63	65	60	51	55	57	55	64	76	69	74	75	77	79	60.4
	Minimum	37	39	34	42	50	44	40	30	35	29	23	32	28	32	26	23	25	43	45	39	36	31	40	41	36	48	41	46	63	53	54	38.2

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., APRIL, 1924. No. 4.

GENERAL SUMMARY.

The month was marked by two of the most destructive tornadoes and the greatest loss of life from such storms in the history of South Carolina, and the average rainfall was the greatest of record. Temperatures averaged somewhat below normal.

The growing season opened 2 to 3 weeks backward, and spring work was materially retarded by intermittent rains until toward the end of the month, especially in the Piedmont sections. Cotton and corn planting progressed favorably after the middle of the month; fairly good stands were developed, and chopping and cultivation began toward the close. Wheat, rye, and spring oats were fair to good, but winter oats were poor, due to winter killing. Tobacco and sweet potato transplanting made satisfactory progress toward the end of the month, and truck, gardens, and pastures, though backward, showed general improvement. Tree fruits suffered no serious frost injury, and woods were greening rapidly during the first week.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.01 inches. The highest pressure was 30.46 inches at Asheville, N. C., on the 3d, and in the Section proper, 30 45 inches at Columbia on the same date; the lowest pressure was 29.40 inches at Asheville, N. C., on the 30th, and in the Section proper, 29.47 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 61.6°, or 0.7° below the normal. The highest temperature was 91° at Blackville on the 9th. The warm periods were from the 6th to 10th, 13th to 18th, and on the 21st and 22d. The lowest temperature was 24° at Liberty, Santuck, and Walhalla on the 2d. The cold periods were from the 1st to 5th, on the 11th and 12th, and on the 26th and 27th. The last general spring killing frosts occurred on the 2d and 3d.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 78%; noon, 59%; 8 p. m., 66%. The highest percentages occurred over the eastern and southern counties, and the lowest, along the northern border.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 5.90 inches, or 2.84 inches above the normal, and the highest April average of record. There were four well-defined rainy periods, with 6 to over 10 inches in the middle and northern counties and less than 4 inches in the eastern counties and the lower Savannah drainage basin. The greatest local monthly amount was 10.54 inches at Trenton; least local monthly amount, 3.20 inches at Mars Bluff. The greatest amount during any 24 hours was 3.65 inches at Summerville on the 4-5th. The number of rainy days was 43% above normal. There was no snowfall.

Tornadoes and Hail.—Two of the most destructive tornadoes of record in South Carolina occurred on the 30th. The first moved in a path from central Anderson County to western York County, a distance of about 100 miles, during the early forenoon, causing 8 deaths and approximately $2,000,000 damage, about $1,500,000 of which occurred in the vicinity of Anderson. The second advanced about noon from northern Aiken County to eastern Florence County, in a path of about 130 miles in length, causing the death of 67 persons, 58 of whom were killed in Richland, Sumter, and Florence Counties. The property damage was estimated at $1,000,000. A destructive hailstorm occurred at Columbia concurrently with the passage of the tornado 9 miles south; one person was killed by lightning, and damage to property approximated $60,000. General details of these storms will be published in the May bulletin.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 9.3 miles. The highest average velocity was 12.1 miles per hour at Savannah, Ga., and in the Section proper, 11.6 miles per hour at Charleston; the lowest average velocity was 6.0 miles per hour at Charlotte, N. C., and in the Section proper, 7.8 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the east at Charleston on the 15th and from the southwest at Greenville on the 30th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 244.9 hours, or 63% of the possible amount. The average number of clear days was 15; partly cloudy, 5, and cloudy, 10, as against normals of 15, 8, and 7 days, respectively.

RIVER CONDITIONS.

Freshets or moderate floods occurred in the upper streams about the 5-7th, 12-13th, and 19-22d. The Santee River was near or above flood stages at Rimini and Ferguson throughout the month, and the Pee Dee River at Mars Bluff was at or above flood stage from the 14th to the 24th, inclusive.

MISCELLANEOUS DATA FOR APRIL, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.02	53.3	77	24	3.58	0.88	9.6	nw.	78	53	59	56
Augusta, Ga.	30.00	64.4	85	35	3.93	1.42	6.3	nw.	79	62	63	67
Charleston, S. C.	30.02	64.0	86	41	5.78	3.08	11.6	sw.	77	62	76	66
Charlotte, N. C.	30.00	58.8	85	29	6.78	2.35	6.0	sw.	75	59	58	61
Columbia, S. C.	30.01	62.2	85	33	6.66	2.64	7.8	ne.	82	64	64	61
Due West, S. C.	30.03	59.2	85	28	5.61	1.98	10.7	sw.	79	55	....	65
Greenville, S. C.	29.99	58.8	84	31	7.02	1.97	10.4	ne.	78	61	65	60
Savannah, Ga.	30.02	65.4	84	40	3.87	1.81	12.1	sw.	79	58	71	60
Wilmington, N. C.	30.02	60.8	85	35	2.20	0.81	8.8	sw.	75	56	74	68
Means and extremes	30.01	61.8	86	24	5.05	3.08	9.3	sw.	78	59	66	63

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UNIVERSITY OF ILLINOIS

Climatological Data for April, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	°64.2	−0.2	°91	9	32	2	°44	4.12	+0.83	1.62	0	9	15	5	10	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	64.0	−0.5	86	8	41	2	28	5.78	+2.79	3.08	0	7	12	8	10	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	60.2	−1.3	88	25	28	2	45	4.69	+1.75	1.63	0	7	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	34	63.4	+0.8	87	9	32	† 2	44	3.35	+0.25	0.82	0	10	15	5	10	se.	Paul Quattlebaum.
Darlington	Darlington	175	29	61.6	−0.3	90	9	29	2	41	4.09	+0.90	1.84	0	10	18	0	12	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	3.59	+0.27	1.22	0	7	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	38	°61.3	−0.8	°85	† 9	32	3	°43	6.88	+4.01	3.55	0	9	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	42	63.0	+0.4	88	† 9	33	2	44	3.67	+0.84	1.41	0	8	16	6	8	sw.	H. K. Gilbert.
Florence 2	do	136	9	.....	.....	.....	.....	.....	.....	.....	3.62	+0.79	1.36	0	9	15	3	12	sw	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	65.5	.....	88	8	34	3	41	4.40	.....	1.07	0	9	..	.....	.....	.....	Mauer B. Robert.
Georgetown	Georgetown	18	31	62.9	−0.6	90	9	31	2	45	3.86	+0.53	2.00	0	5	24	2	4	nw.	A. P. Hazard.
Kingstree	Williamsburg	54	42	64.6	+1.4	87	† 9	33	† 2	45	3.65	+0.84	1.55	0	7	20	1	9	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	3.20	.....	1.10	0	5	....	.....	.....	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	8	64.0	.....	88	9	33	2	42	4.69	.....	2.40	0	8	15	7	8	e.	U. S. Fisheries Station.
Orangeburg 2	do	264	4	.....	.....	.....	.....	.....	.....	.....	6.08	.....	2.50	0	8	16	3	11	w.	State A. and M. College.
Paris Island	Beaufort	13	43	64.0	−1.0	85	9	42	2	29	4.83	−2.51	1.84	0	8	6	11	13	s.	U. S. Naval Aerological Sta.
Pinopolis**	Berkeley	54	77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	4.93	+2.06	2.01	0	6	....	.. .	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	63.4	−0.8	87	9	34	3	43	5.45	+2.48	2.00	0	9	12	5	13	.....	R. L. Utsey.
Society Hill	Darlington	192	33	60.9	−0.9	88	† 8	29	1	41	6.40	+3.14	2.10	0	9	20	2	8	sw.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	63.2	−0.3	87	9	34	3	36	6.95	+3.54	3.65	0	8	20	3	7	w	E. P. Lawton.
Wedgefield	Sumter	249	34	63.2	+0.8	87	8	32	2	40	6.10	+3.04	2.55	0	7	21	3	6	w.	W Hampton Ramsey.
Yemassee	Hampton	24	35	63.8	0.0	86	9	32	3	41	4.16	+1.14	1.94	0	7	19	0	11	se.	W. C. Hutson.
Division means and	extremes	.....	....	63.1	+0.1	91	9	28	2	45	4.75	+1.71	3.55	0	8	16	4	10	sw.	
Western Portion.																				
Aiken	Aiken	527	62	64.4	+1.4	87	14	35	2	45	6.50	+3.41	2.25	0	8	13	1	16	ne.	Frank B. McCoy.
Anderson	Anderson	764	31	60.3	−1.1	85	25	29	2	43	8.15	+6.97	3.18	0	10	14	3	13	w.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	4.54	+1.88	1.34	0	11	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	59.8	.....	86	25	28	† 2	41	5.49	+1.97	1.80	0	11	12	6	12	e.	L. M. Parker.
Camden	Kershaw	222	74	61.4	−1.1	86	† 8	30	2	39	4.88	+1.80	1.95	0	10	16	1	13	ne.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	5.63	+2.64	2.06	0	11	....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	5.35	+2.82	1.99	0	12	...	.....	.....	.....	George V. Clamp.
Chester	Chester	487	2	60.2	.....	85	25	27	2	42	6.05	.....	2.00	0	9	13	7	10	sw.	J. C. Cornwell.
Clemson College	Oconee	850	32	[k]61.2	+1.3	[k]89	25	[i]29	2	[k]49	7.25	+3.54	2.00	0	6	12	6	12	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	62.2	−1.1	85	8	33	2	31	6.66	+3.80	2.64	0	12	15	2	13	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	10	59.2	−1.5	85	25	28	2	34	5.61	+4.60	1.98	0	13	13	6	11	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.. ....	.....	.....	.....	.....	.....	9.04	+7.92	3.42	0	8	....	.....	.. ..	.....	J. A. Townsend.
Gaston Shoals †‡	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	6.25	+2.96	1.39	0	14	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	58.8	+0.2	84	25	31	2	31	7.02	+3.37	1.97	0	13	12	7	11	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	59.6	−1.5	83	25	28	2	34	6.21	+5.32	2.52	0	12	13	0	17	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	60.2	−0.2	83	25	28	2	44	4.91	+1.87	1.75	0	9	15	5	10	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	61.2	.....	[b]86	† 9	26	2	46	5.48	.....	2.50	0	10	12	0	18	w.	John W. Hamel.
Landrum	Spartanburg	1063	9	59.2	.....	86	26	28	3	41	9.68	.....	2.21	0	11	15	7	8	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	°60.2	.....	°86	25	°27	2	°45	5.79	.....	1.41	0	10	14	8	8	sw.	L. G. Roff.
Liberty	Pickens	900	24	58.7	−1.9	86	25	24	2	46	7.68	+1.80	2.75	0	7	8	15	7	w.	O. F. Boggs.
Little Mountain	Newberry	711	31	60.8	−1.0	83	† 8	28	2	42	6.86	+3.78	2.56	0	9	16	3	11	w.	Miss Alberta Sease.
Newberry	Newberry	502	20	60.7	−1.5	84	25	27	2	42	6.98	+4.16	2.20	0	10	13	8	9	w.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	6.17	+2.43	1.48	0	13	....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	61.8	−0.5	85	25	28	2	49	7.80	+5.72	2.36	0	11	14	9	7	sw	W. S. Crout.
Santuck	Union	512	31	59.6	-.0.8	87	25	24	2	50	6.08	+2.86	1.71	0	12	13	7	10	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	58.8	−1.3	85	† 8	30	2	50	6.85	+3.77	1.63	0	17	....	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	31	62.4	−0.3	85	25	31	2	44	10.54	+7.19	3.50	0	10	16	5	9	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	58.5	+0.2	87	25	24	2	47	9.22	+4.57	2.53	0	12	15	7	8	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	30	[d]61.6	+0.5	86	†20	[d]28	2	[d]41	5.81	+3.13	2.62	0	9	18	4	8	sw.	Rev. Oliver Johnson.
Winthrop College †‡	York	690	24	60.4	−0.4	86	25	27	2	47	7.73	+4.61	1.70	0	11	12	11	7	n.	W. T. Clawson.
Division means and	extremes	.....	....	60.5	−0.6	89	25	24	2	50	6.74	+3.47	3.50	0	11	14	5	11	w.	
Section means and	extremes	.....	....	61.6	−0.7	91	9	24	2	50	5.90	+2.84	3.55	0	10	15	5	10	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for April, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto				.15	1.62	.12				.15	.70	.35						.05	.53								.10			.35		4.12
Charleston ***	Coast				.79	2.42					T.	.56	T.		T.	1.06			.73								T.		T.	.16	.06		5.78
Cheraw ‖‖	Pee Dee					1.63	.42					.34	1.22				.28		T.	.68							T.			.12	T.		4.69
Conway ‖‖	Waccamaw					.82	.61	.15				.26	.80						.05	.22								.11		.10	.23		3.35
Darlington ‖‖	Pee Dee				T.	1.84	.20	.08				.42	.91						.02	.32								.08		.16	.06		4.09
Effingham ‖‖	Lynches					1.22						.80	.46						T.	.17								.27		.12	.55		3.59
Ferguson ‖‖	Santee				.30	3.55					.10	.37	1.01	.19			.59			.44											.33		6.88
Florence 1 ‖‖	Pee Dee		T.		T.	1.41	.20	.05				.66	.71				T.		T.	.31								.07		.26			3.67
Florence 2 ‖‖	do					1.36	.15	.06	T.			.82	.62							.20	T.							.06		.17	.18		3.62
Garnett	Savannah				.78	.65	.03					1.07	.02			.71		T.	1.04	.05								T.	1.		.05		4.40
Georgetown	Coast					2.60						.60	.30						.56												.40		3.86
Kingstree ‖‖	Black				T.	1.55	.10				T.	.62	.83				.15			.25										T.	.15		3.65
Mars Bluff	Pee Dee					1.10	.40					.35	.75																		.60		3.20
Orangeburg 1	Edisto				.02	2.40	.02				.15	.60	.50	T.						.60								T.			.44		4.69
Orangeburg 2	do				.96	2.50					.18	1.15	.30						.47								.05	.47				6.08
Paris Island	Coast				1.84	.20						.89				1.48			.32						.08					.02	.05		4.83
Pinopolis	Cooper																																
Rimini ‖‖	Santee				.85	2.01						.82	.45							.40											.40		4.93
St. George	Edisto				.15	2.00	T.				.60	.55	.65				.05			.70				T.			.05			.70		5.45
Society Hill ‖‖	Pee Dee	.04				2.10	.80					1.20	1.62						.22								.07		.15	.20		6.40
Summerville	Ashley				.58	3.65						1.13	.03			.70				.55	.08										.23		6.95
Wedgefield	Wateree				.70	2.55					T.	1.10	.15				.20		.70												.70		6.10
Yemassee ‖‖	Ashepoo				.06	1.94						.50	.56			.04	.55			.51														4.16
Western Portion.																																	
Aiken	Edisto				1.07	2.25					.50	.61	.57			.11				.11									.05		1.23		6.50
Anderson	Savannah				1.25	.62					.22	1.04				.28			1.25								.11	.10	.10	3.18		8.15
Blairs ‖‖	Broad				.04	1.31	.18					.14	1.20			.42	.05		.34	.38							.02			.46		4.54
Calhoun Falls ‖‖	Savannah					1.80	.10				T.	.65	.85			.20			1.20	.20							.07	.07	.17	.18		5.49
Camden ‖‖	Wateree				.02	1.95	.08					.70	1.64			.18			.18									.02	.08	.03			4.88
Catawba ‖‖	Catawba	.03	.15			2.06		.16				.94	.57				.40		.30	.27									.50	.25		5.63
Chappells ‖‖	Saluda				.33	1.99	.21				.05	.10	1.50				.40		.05	.10							.05	.05		.52		5.35
Chester	Broad				.81	2.00	.36				.40	.98					.06		.54									.03	.87				6.05
Clemson College	Savannah					1.70						.70				.80			1.90									.15	2.00				7.25
Columbia ***	Congaree				1.69	.95					.48	1.56			.02	.11	.05	T.	.49								T.	.03	.15	.13	1.00			6.66
Due West***	Savannah	T.			1.76	.44	T.			T.	.59	.83			.04	.06	T.	.56	.48								.01	.07	.12	.38	.27			5.61
Edgefield ‖‖	Savannah				.36	3.42					.16	1.16	1.43						1.53	.60											.38			9.04
Gaston Shoals ‖‖	Broad	T.	.07		T.	.93	.31	.01			.38	1.08	.60			.10			1.14	.25								.10	.25	.08	.95			6.25
Greenville ***	Saluda				1.09	.28					.51	.50			.02	.48	.01	.80	1.14				T.				.09	.13	T.	.53	1.44			7.02
Greenwood ‖‖	do				.22	2.52	.15				.03	.47	1.05				.04		.74	.35							.08		.10	.46			6.21
Heath Springs	Wateree				.50	1.75	.18				.20	1.24				.07			.38									.28		.31			4.91
Kershaw ‖‖	Lynches					2.50	.09	.20				.66	1.18						.14	.14							.04		.28	.25			5 48
Landrum	Broad				.48	1.34	.12				1.08	1.85	.16		.11	.51		.06	2.15											1.82			9.68
Laurens	Saluda		.04		1.01	1.41					.53	.85	T.			.03			.90							T.	.11	.05	T.	.86			5.79
Liberty	Savannah		T.		.70	.70					.30	.30				1.25		T.	2.75				T							1.68			7.68
Little Mountain	Saluda				.85	2.56					.40	1.75	.20						.60								.10		.10	.30			6.86
Newberry	Saluda				1.00	2.20					.34	1.49	.07			.29			.68							T	.10	.18		.63			6.98
Pelzer ‖‖	do		T		.26	1.48	.05				T.	.68	.42			.48	.10		1.24	.24						T.	.08	.02	.02	1.10			6.17
Saluda	do				1.24	2.36	.05				.14	1.58	.44			.28			.86								.08	.17		.60			7.80
Santuck	Broad	.05			.86	1.71					.48	1.04	.07		.07	.14			.75							T.	.07	.04		.80			6.08
Spartanburg ‖‖	do	.03			.05	1.63	.21	.20			.05	.63	.48	.02		.40	.49		1.10	.34						.03	.12	.01		1.06			6.85
Trenton	Edisto				1.20	3.50	.08				.79	1.59	T.			.10			1.84								.09	.07		1.28			10.54
Walhalla	Savannah				.83	1.47	.03				.33	.60				1.60		.01	2.53				.01				.20	.05	T.	1.56			9.22
Winnsboro ‖‖	Broad					2.62	.09					.81	1.36						.20	.20							.05		.11	.37			5.81
Winthrop College	Catawba				.70	1.40	.15				.70	.90	.30			.20			.88								.70		.10		1.70			7.73

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	62.3	94	28	2.09	5				
1888	64.6	95	31	1.33	4				sw.
1889	62.4	93	30	2.01	6				ne.
1890	62.8	94	31	2.02	6				sw.
1891	63.2	92	26	1.66					sw.
1892	62.8	88	29	1.13					nw.
1893	66.7	94	34	1.30	5	15	10	5	sw.
1894	62.6	95	30	2.01	6	15	10	5	sw.
1895	61.4	94	28	5.55	10	12	9	9	sw.
1896	66.9	98	30	1.31	4	14	11	5	sw.
1897	62.2	95	31	3.24	9	16	6	8	sw.
1898	58.0	92	26	5.05	8	16	7	7	sw.
1899	60.0	91	27	3.02	7	12	9	9	n.
1900	62.4	90	24	5.41	9	12	9	9	ne.
1901	56.0	89	30	5.03	7	15	6	9	nw.
1902	60.4	91	24	2.18	7	15	9	6	w.
1903	60.4	88	26	2.95	8	14	9	7	w.
1904	59.2	89	21	1.34	6	14	8	8	sw.
1905	62.8	92	25	3.83	9	15	8	7	sw.
1906	65.1	93	28	1.39	4	20	6	4	sw.
1907	56.4	89	20	4.40	10	10	13	7	sw.
1908	66.6	95	31	4.75	9	11	10	9	sw.
1909	63.9	96	30	2.95	7	14	9	7	sw.
1910	63.4	95	32	1.71	5	15	10	5	sw.
1911	61.6	91	30	2.95	8	12	9	9	ne.
1912	64.3	91	32	4.24	9	14	5	11	sw.
1913	61.2	90	30	2.00	6	20	4	6	sw.
1914	63.7	98	30	2.86	7	14	10	6	w.
1915	63.1	96	25	1.47	4	20	6	4	w.
1916	61.6	93	24	1.79	5	18	8	4	w
1917	64.9	96	28	3.34	7	20	6	4	sw.
1918	61.0	92	32	5.82	11	11	9	10	sw.
1919	62.4	92	24	2.10	5	20	5	5	s.
1920	61.4	94	26	5.13	10	13	6	11	sw.
1921	63.3	91	27	2.43	6	16	8	6	s.
1922	64.5	95	33	5.11	8	14	7	9	sw.
1923	61.5	94	18	3.48	9	15	7	8	w.
1924	61.6	91	24	5.90	10	15	5	10	w
									sw.
Period	62.3	98	18	3.06	7	15	8	7	

Daily Temperatures for April, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	71	64	67	66	72	78	78	89	91	....	65	60	81	89	77	83	78	77	76	86	89	87	76	79	....	77	75	76	....	84	...	°77.5
	Minimum	53	32	34	46	55	53	46	53	58	63	48	46	45	54	61	59	59	64	43	48	45	58	50	44	51	59	49	47	54	54	....	51.0
Charleston	Maximum	72	55	57	62	65	75	66	86	84	79	67	60	71	79	68	74	72	73	69	74	74	82	68	69	79	65	63	74	85	74	....	71.4
	Minimum	52	41	44	55	56	54	54	58	60	64	56	51	53	59	61	60	61	62	58	55	60	65	58	55	59	54	54	56	64	67	....	56.7
Cheraw§§	Maximum	56	59	56	53	61	56	71	84	86	66	55	59	76	87	82	78	68	74	72	79	81	82	75	82	88	72	76	77	79	73	....	72.1
	Minimum	51	28	30	42	43	56	43	52	52	62	48	45	46	50	58	51	51	56	43	49	46	47	45	43	52	54	48	49	51	55	....	48.2
Conway	Maximum	74	59	63	64	66	74	72	85	87	82	73	62	77	85	77	80	76	76	73	82	78	84	77	76	80	79	73	75	81	80	....	75.9
	Minimum	53	32	32	41	55	61	46	56	54	60	49	48	54	51	56	54	57	63	49	49	48	61	49	42	50	50	45	47	53	58	....	50.8
Darlington §§	Maximum	70	60	65	55	68	74	73	86	90	75	50	54	79	87	79	79	72	76	73	83	80	84	73	80	87	59	73	74	79	76	....	73.8
	Minimum	54	29	32	41	45	54	43	54	57	64	39	46	48	52	58	53	55	56	43	49	46	61	46	41	52	55	47	50	53	55	....	49.3
Ferguson §§§	Maximum	68	58	63	54	68	72	71	80	85	76	67	75	76	82	77	75	73	71	74	81	82	82	74	77	85	78	71	81	83	....	....	°74.4
	Minimum	48	35	32	47	48	43	44	55	52	52	42	37	38	45	57	58	57	59	45	44	45	58	50	41	52	53	49	47	54	60	....	48.2
Florence I	Maximum	73	61	67	56	68	75	73	85	88	70	51	64	77	85	78	81	74	78	74	84	81	87	87	86	88	59	71	74	80	78	....	75.1
	Minimum	54	33	36	42	47	54	45	52	59	63	48	47	47	54	60	54	56	58	45	48	50	62	49	44	52	56	48	52	53	56	....	50.8
Garnett	Maximum	68	64	70	61	77	79	77	88	87	79	73	62	78	86	74	80	80	73	75	83	86	84	81	81	87	73	66	77	87	82	....	77.3
	Minimum	55	37	34	50	59	53	47	55	59	65	61	51	48	55	55	61	60	64	49	46	51	59	55	46	51	58	52	56	55	65	..	53.7
Georgetown	Maximum	76	70	62	64	68	73	73	88	90	81	74	61	75	85	78	79	73	74	73	81	76	85	76	71	72	86	65	80	85	86	....	76.0
	Minimum	52	31	34	46	55	56	45	54	56	60	48	46	46	52	52	52	56	56	46	65	48	65	48	41	42	48	45	46	50	55	..	49.8
Kingstree	Maximum	73	62	66	62	68	76	75	86	87	84	78	74	77	85	79	80	76	76	74	81	79	84	80	77	87	83	78	75	84	79	....	77.5
	Minimum	53	33	33	46	56	56	47	55	56	62	49	48	49	52	59	56	58	62	46	49	50	61	51	42	50	53	49	49	54	60	....	51 5
Orangeburg I	Maximum	65	59	64	57	70	77	75	87	88	77	67	59	76	85	77	76	74	77	72	82	85	84	80	78	85	78	73	75	83	80	....	75.5
	Minimum	59	33	34	45	56	54	56	63	47	63	50	48	47	53	60	58	59	64	46	46	51	59	51	43	50	54	50	52	59	63	....	52.4
Paris Island§§§	Maximum	67	59	60	59	69	74	70	79	85	78	65	59	71	77	66	75	70	68	67	74	74	82	67	73	77	71	65	77	81	76	...	71.2
	Minimum	50	42	47	54	54	53	51	56	58	66	59	51	51	59	60	61	62	63	53	55	59	64	59	58	61	56	56	59	62	66	....	56.9
St. George	Maximum	68	59	70	64	72	76	74	85	87	78	56	59	77	83	70	80	78	74	76	80	83	82	72	77	85	68	73	74	85	80	....	74.8
	Minimum	53	36	34	45	55	56	46	50	55	57	52	50	47	54	56	61	61	61	46	46	51	53	53	44	50	59	52	53	58	62	....	51.9
Society Hill §§§	Maximum	60	65	53	65	74	73	86	88	70	50	60	78	87	87	80	73	79	75	85	85	85	73	85	88	59	75	75	82	74	78	....	74 9
	Minimum	29	30	31	43	53	43	45	54	59	48	46	46	53	53	52	52	55	41	43	46	48	46	42	42	55	47	49	50	53	54	....	46.9
Summerville	Maximum	71	61	65	61	67	73	75	85	87	83	71	60	75	84	69	79	77	72	72	81	83	84	72	78	85	73	72	73	85	80	....	75.1
	Minimum	52	35	34	48	59	56	46	51	53	61	52	50	47	51	49	59	60	63	45	47	51	57	53	44	49	54	51	48	54	62	....	51.4
Wedgefield	Maximum	72	63	65	57	68	73	72	87	85	77	69	58	75	85	77	79	72	72	70	82	83	82	74	78	86	75	72	75	80	74	....	74.6
	Minimum	54	32	36	45	53	55	46	57	59	62	49	47	48	55	60	55	55	63	45	48	52	62	48	46	53	52	51	53	55	57	...	51.8
Yemassee	Maximum	68	62	67	61	76	76	75	85	86	78	74	61	78	84	73	79	79	73	73	81	82	83	77	77	84	74	69	75	85	82	....	75.9
	Minimum	51	35	32	48	57	51	45	57	53	62	60	50	46	52	60	59	59	61	45	44	48	58	52	43	50	58	50	52	54	62	....	51.8
Western Portion.																																	
Aiken	Maximum	80	61	64	61	69	75	74	85	85	79	69	65	79	87	85	80	75	73	71	81	83	81	75	79	85	80	70	74	84	79	....	76.3
	Minimum	54	35	39	48	56	56	56	57	55	53	63	41	47	56	53	62	58	55	48	48	54	57	49	49	52	57	50	57	56	57	....	52.6
Anderson	Maximum	72	59	65	53	53	72	75	84	82	71	55	54	75	81	74	73	73	73	68	81	81	78	72	78	85	71	61	75	76	72	....	71.4
	Minimum	47	29	35	42	42	41	45	54	60	54	44	41	44	55	58	57	54	58	44	48	55	59	45	48	53	54	48	54	51	56	....	49.2
Calhoun Falls§§§	Maximum	61	61	66	51	58	73	74	84	82	71	50	58	76	83	77	77	77	68	70	81	81	80	73	80	86	67	66	76	83	75	....	72.2
	Minimum	48	28	28	38	43	49	43	43	52	59	49	43	44	47	52	59	57	57	43	43	46	55	40	44	49	55	49	50	53	54	....	47.3
Camden §§§	Maximum	64	60	68	56	67	72	72	86	86	74	56	62	77	86	82	81	83	74	72	82	84	81	74	82	86	60	74	75	82	75	....	74.4
	Minimum	52	30	35	39	44	52	42	48	54	62	49	45	45	51	54	54	55	55	42	45	48	53	48	43	48	57	50	50	49	57	....	48.5
Chester	Maximum	69	56	63	59	60	71	71	84	84	74	51	59	74	83	77	77	70	69	69	81	82	80	71	78	85	75	69	75	77	73	....	72.2
	Minimum	39	27	35	42	41	55	45	54	69	59	43	41	41	50	58	54	58	53	40	49	47	58	45	43	54	51	49	52	47	51	....	48.3
Clemson College	Maximum	74	....	63	....	59	74	74	84	82	79	....	....	75	84	....	77	....	71	69	....	81	....	....	....	89	....	62	73	79	79	....	b75.2
	Minimum	....	29	30	41	43	51	41	51	58	53	44	31	39	....	....	58	....	53	....	....	....	....	53	39	40	....	48	....	47	47	....	144.8
Columbia	Maximum	64	57	62	55	66	73	72	85	84	73	52	57	77	83	76	76	68	73	68	80	82	80	71	77	85	72	68	73	79	76	....	72.1
	Minimum	42	33	40	44	53	55	50	60	60	52	47	46	49	57	61	55	60	56	48	49	61	61	50	49	55	52	51	54	56	60	....	52.2
Due West	Maximum	64	55	61	50	55	72	72	83	81	69	50	58	74	82	74	72	71	68	68	79	80	77	71	77	85	66	63	74	75	74	....	70.0
	Minimum	36	28	37	43	45	51	41	54	58	50	45	43	41	53	60	59	57	51	44	46	52	57	46	47	51	52	48	54	51	56	....	48.5
Greenville	Maximum	66	56	60	50	53	72	73	82	80	66	48	57	72	80	71	72	65	68	66	79	78	76	70	77	84	70	60	76	75	72	..	69.1
	Minimum	35	31	38	41	44	52	48	55	60	48	43	41	43	52	57	57	52	50	45	48	53	55	45	48	54	48	48	54	54	55	....	48 5
Greenwood	Maximum	61	57	64	53	56	72	71	82	81	70	50	55	74	82	75	76	73	68	67	79	81	78	69	77	83	64	63	73	76	73	....	70.1
	Minimum	50	28	32	39	42	52	42	48	57	60	47	42	43	51	58	55	58	55	43	47	50	57	44	49	51	56	58	50	54	55	....	49.1
Heath Springs	Maximum	72	66	61	55	56	67	65	80	80	78	71	67	72	81	77	73	69	72	66	76	77	78	73	76	83	79	75	73	74	70	....	72.1
	Minimum	46	28	34	41	48	55	42	55	59	58	43	41	46	52	59	50	55	54	42	50	50	51	45	42	55	49	47	48	53	54	...	48.4
Kershaw	Maximum	72	54	63	64	62	72	73	84	86	70	71	57	75	85	83	78	70	73	70	82	83	85	72	80	86	75	73	74	77	74	....	74.1
	Minimum	52	26	32	42	49	49	42	55	58	51	46	42	44	49	59	52	56	55	42	50	46	58	45	44	53	55	47	48	51	55	....	48.4
Landrum	Maximum	71	58	61	58	51	71	75	84	83	76	51	61	73	80	72	76	69	62	66	79	79	78	70	72	70	86	76	78	77	75	....	71.3
	Minimum	45	30	28	40	40	50	46	51	53	48	41	36	39	50	51	63	54	49	44	47	42	57	49	47	40	66	51	53	53	54	....	47.2
Laurens	Maximum	72	59	64	55	55	75	73	85	83	75	50	57	....	84	76	75	72	70	69	81	83	79	70	80	86	73	66	77	79	75	....	°72.3
	Minimum	51	27	31	42	45	53	39	52	61	50	45	41	....	39	59	59	59	53	39	47	47	59	45	40	51	54	49	49	54	47	56	°48.1
Liberty	Maximum	70	60	65	51	56	75	77	84	81	73	54	62	75	84	73	78	70	71	70	80	75	71	67	79	86	75	62	79	79	72	....	71.6
	Minimum	45	24	31	39	40	50	40	50	56	51	41	38	37	58	54	55	55	50	40	44	47	55	41	41	45	51	45	51	48	53	....	45.8
Little Mountain	Maximum	70	58	62	52	62	71	70	83	82	76	61	54	73	81	74	74	75	71	75	79	80	79	74	80	83	75	66	73	76	74	....	72.1
	Minimum	50	28	35	40	47	53	45	45	57	54	45	41	44	51	49	50	55	55	57	60	65	56	45	50	55	52	47	51	53	53	....	49.6
Newberry	Maximum	67	58	63	52	62	73	71	83	82	74	52	57	75	83	76	75	72	70	68	80	82	79	72	78	84	77	68	75	78	76	....	72.1
	Minimum	40	27	34	42	49	54	41	53	57	50	48	43	42	57	60	56	59	56	40	49	53	68	44	43	53	52	49	53	50	56	....	49.3
Saluda	Maximum	77	69	63	56	66	74	72	82	82	77	64	56	77	83	76	77	73	73	69	79	81	78	75	79	85	77	67	74	79	77	....	73 9
	Minimum	52	28	30	44	50	54	40	53	59	62	47	44	43	50	61	54	55	62	42	48	47	60	43	42	54	55	49	53	52	56	....	49.6
Santuck	Maximum	70	58	64	53	60	73	71	85	84	75	53	58	75	83	77	76	71	70	69	82	83	80	71	80	87	74	69	78	80	75	....	72.8
	Minimum	48	24	26	39	47	54	50	52	52	51	42	41	36	45	57	55	57	53	36	50	41	60	42	37	47	53	50	51	44	56	....	46.5
Spartanburg	Maximum	58	55	62	50	65	73	74	85	85	65	48	59	75	83	75	76	64	61	60	81	82	80	70	80	85	58	65	79	78	75	....	70.2
	Minimum	48	30	31	35	41	49	44	50	56	60	47	40	40	45	55	56	57	50	41	47	44	53	43	42	51	55	49	52	52	55	....	47.3
Trenton	Maximum	75	59	65	58	67	73	73	84	83	75	63	57	77	85	77	75	72	73	75	80	83	79	71	81	85	78	68	74	81	75	....	74.0
	Minimum	49	31	38	45	52	54	43	54	61	61	45	45	47	55	62	58	58	61	44	44	51	59	40	47	56	55	49	54	54	52	....	50.8
Walhalla	Maximum	71	57	62	55	56	74	72	83	82	72	58	58	75	80	73	71	68	74	70	79	80	75	71	79	87	77	60	78	78	73	....	71.6
	Minimum	44	24	29	30	39	48	47	51	55	52	43	40	38	48	56	54	58	54	37	42	43	56	37	40	43	54	48	53	44	54	...	45.4
Winnsboro §§§	Maximum	63	....	..	54	62	72	72	85	84	71	50	50	74	85	85	81	75	73	72	86	81	....	....	80	86	60	75	75	79	75	...	d73.3
	Minimum	54	28	....	....	43	53	45	49	57	60	48	43	44	49	55	55	55	55	42	49	52	45	....	....	54	56	49	51	52	53	....	d49.8
Winthrop College	Maximum	74	57	64	60	58	74	70	84	84	71	49	60	74	84	78	72	72	68	69	82	80	81	75	80	86	82	71	78	79	79	....	73.2
	Minimum	43	27	40	32	45	56	45	52	58	48	45	39	43	52	51	55	55	51	41	47	50	56	43	45	52	50	48	53	48	55	....	47.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., MAY, 1924. No. 5.

GENERAL SUMMARY.

The month was far down in the group of cold Mays, and precipitation averaged above normal, but was badly distributed. There were three tornadic storms during the month.

On account of rather persistent cool nights, with wet soil in the northern counties and semi-drought in large areas of the coastal plain, cotton and corn germinated irregularly, and these crops were backward and in all stages of advancement; on the whole, the stands were fair to good, and cotton chopping made about the usual progress, except in some sections of the northern counties. Tobacco, truck, gardens, and other lesser crops also reflected these conditions. Wheat, oats, and rye began heading about May 1, and harvest became quite general toward June 1, with fair to good results, except poor winter oats, due to winter killing. Large quantities of early truck and white potatoes were harvested during the last half of the month. Tobacco and sweet potato transplanting progressed rapidly, and these crops had become vigorous by the close of the month. The native strawberry season closed about June 1, when early peaches began to appear on market; other fruits were in good condition.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29.91 inches. The highest pressure was 30.14 inches at Wilmington, N. C., on the 26th, and in the Section proper, 30.13 inches at Due West on the 19th; the lowest pressure was 29.50 inches at Asheville, N. C., on the 8th, and in the Section proper, 29.52 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 68.0°, or 3.1° below the normal. The highest temperature was 96° at Summerville on the 21st. There were short warm periods from the 4th to 7th, about the 20th, and on the 28th and 29th. The lowest temperature was 33° at Landrum on the 11th. The cool periods were from the 1st to 3d, 9th to 17th, and 22d to 27, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 74%; noon, 53%; 8 p. m., 64%. The highest percentages occurred in the central and eastern counties, and the lowest, in the Piedmont sections.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 4.43 inches, or 0.75 inch above the normal. There were five periods of rainfall, not very well defined, and the amounts were badly distributed; in an extensive area of the coastal plain and the north-central interior, the measurements were less than 3 inches, and in the northeastern and northwestern counties the amounts ranged from 4 to over 7 inches. The greatest local monthly amount was 7.61 inches at Florence No. 2 (Pee Dee Experiment Station); least local monthly amount, 1.96 inches at Paris Island. The greatest 24-hour amount at any station was 2.36 inches at Conway on the 21st. The number of rainy days was 12% above the normal.

A small tornado near Mayesville during the evening of the 11th caused approximately $5,000 damage in a short path about 100 feet wide.

On the 27th, a tornado appeared near Eureka, Aiken County, and was last observed near St. Matthews, Calhoun County, during the early afternoon. The path in places ranged from 30 to 800 yards wide. Two persons were injured, and the property damage approximated $22,000.

Another tornado appeared near Florence during the early afternoon of the same date and was last observed near Smithboro, Marion County. It was of the bounding type, and the path in places was 100 to 300 yards wide. Three persons were injured, and the property damage was estimated at about $18,000.

Light hail occurred at Ferguson and Kingstree on the 11th, and the tornadoes of the 27th were attended by small hail in spots.

(For details of tornadoes of April 30, 1924, see special article on another page.)

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.2 miles. The highest average velocity was 12.3 miles per hour at Savannah, Ga., and in the Section proper, 10.7 miles per hour at Charleston; the lowest average was 4.2 miles per hour at Charlotte, N. C., and in the Section proper, 6.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 47 miles per hour from the northwest at Greenville on the 28th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 307.4 hours, or 71% of the possible amount. The average number of clear days was 17; partly cloudy, 7, and cloudy, 7, as against normals of 15, 9, and 7 days, respectively.

RIVER CONDITIONS.

Freshet conditions prevailed in the up-State streams of the northwestern counties during the first few days. The Santee River was near or above flood stages at Rimini and Ferguson throughout the month, except between the 25th and 28th.

MISCELLANEOUS DATA FOR MAY, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	29.90	58.6	86	38	3.07	0.86	7.8	nw.	78	50	58	61
Augusta, Ga.....	29.92	70.0	92	50	2.73	0.95	5.9	nw.	77	57	64	75
Charleston, S. C...	29.93	72.4	92	53	2.38	0.97	10.7	sw.	70	58	74	76
Charlotte, N. C...	29.89	66.0	90	45	2.82	0.89	4.2	sw.	69	50	57	73
Columbia, S. C....	29.91	69.6	91	51	3.74	1.12	6.5	sw.	85	57	66	74
Due West, S. C....	29.93	66.2	89	45	4.19	1.34	9.1	sw.	74	51	....	66
Greenville, S. C....	29.88	65.2	87	46	3.36	1.33	9.1	sw.	70	53	56	67
Savannah, Ga.....	29.94	72.6	93	52	1.49	0.85	12.3	w	73	47	62	73
Wilmington, N. C.	29.91	69.3	88	47	5.02	1.56	8.0	sw.	73	52	76	77
Means and extremes.....	29.91	67.8	93	38	3.20	1.56	8.2	sw.	74	53	64	71

UNIVERSITY OF ILLINOIS

Climatological Data for May, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	.....	.....	.....	.....	43	12	.....	2.58	−0.92	1.05	0	6	18	9	4	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	72 4	−0.3	92	30	53	12	26	2.38	−1.09	0.97	0	8	11	10	10	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	68.4	−2.3	93	20	47	12	39	7.11	+3.61	1.63	0	9	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	34	69.8	−1.1	91	† 5	46	12	41	5.60	+2.04	2.36	0	8	16	7	8	se.	Paul Quattlebaum.
Darlington	Darlington	175	29	68.8	−2.4	91	5	47	12	36	7.57	+4.23	1.52	0	10	10	10	11	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	6.71	−3.18	1.98	0	9	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson††	Orangeburg	63	38	67.8	−3.4	92	20	45	†10	39	3.72	−0.45	0.77	0	6	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	42	70.9	−1.3	94	20	47	12	37	6.36	+2.66	2.00	0	10	20	4	7	s.	H. K. Gilbert.
Florence 2	....do	136	9	.....	.....	.....	.....	.....	.....	.....	7.61	+3.91	1.97	0	9	19	5	7	sw	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	[k]71.0	.....	[k]95	5	[k]49	13	[k]39	2.54	.....	0.95	0	8	.....	.....	.....	.....	Maner B. Robert.
Georgetown	Georgetown	18	31	70.2	−2.0	95	7	46	12	37	3.75	+0.31	1.29	0	5	24	5	2	sw.	A. P. Hazard.
Kingstree	Williamsburg	54	42	70.4	−1.4	93	20	47	12	39	5.51	+2.32	1.88	0	9	22	4	5	w.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	6.18	.....	1.58	0	8	.....	.....	.....	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	8	70.2	.....	92	5	47	12	40	2.73	.....	0.89	0	7	17	11	3	w.	U.S. Fisheries Station.
Orangeburg 2	....do	264	4	.....	.....	.....	.....	.....	.....	.....	3.01	.....	0.80	0	7	17	7	7	w.	State A. and M. College.
Paris Island	Beaufort	13	43	72.4	−1.1	92	30	54	12	22	1.96	−1.19	1.15	0	6	7	13	11	w.	U.S. Naval Aerological Sta.
Pinopolis **	Berkeley	54	77	68.4	−2.2	86	†21	50	12	....	3.17	−0.49	0.76	0	6	24	0	7	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	4.93	+0.70	1.16	0	8	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	[c]71.2	−1.6	[c]91	† 5	[c]49	17	[c]34	2.49	−0.79	0.60	0	8	7	13	11	w	R. L. Utsey.
Society Hill	Darlington	192	33	69.6	−1.2	94	19	47	11	38	6.92	+3.62	1.84	0	10	20	7	4	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	70.2	−1.7	96	21	45	12	36	4.54	+1.21	1.40	0	8	25	5	1	w.	E. P. Lawton.
Wedgefield	Sumter	249	34	70.0	−1.2	91	† 5	47	12	35	5.65	+2.32	1.05	0	9	23	5	3	w.	W Hampton Ramsey.
Yemassee	Hampton	24	35	69.8	−2.8	92	20	46	12	40	2.41	−1.09	0.84	0	6	21	1	9	w.	W. C. Hutson.
Division means and	extremes	.....	....	70.1	−1.7	96	21	43	12	41	4.58	+1.09	2.36	0	7	18	7	6	w.	
Western Portion.																				
Aiken	Aiken	527	62	69.5	−1.9	91	20	49	12	41	2.39	−1.07	1.11	0	7	20	3	8	w.	Frank B. McCoy.
Anderson	Anderson	764	31	66.2	−4.2	88	20	47	9	34	4.41	+1.37	1.43	0	9	20	0	11	w.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	3.79	+0.92	1.14	0	9	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	67.0	.....	92	20	45	† 2	37	4.33	+0.37	1.25	0	10	20	2	9	w.	L. M. Parker.
Camden	Kershaw	222	74	67.9	−1.6	92	5	46	12	36	5.54	+2.33	1.30	0	9	25	0	6	w.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	2.89	−0.91	1.02	0	8	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	4.91	−2.23	1.27	0	11	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	2	66.4	.....	89	† 5	49	9	37	4.34	.....	1.15	0	8	13	9	9	ne.	J. C. Cornwell.
Clemson College	Oconee	850	32	65.5	−3.4	91	7	43	† 2	39	4.54	+0.93	1.60	0	6	18	6	7	s.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	69.6	−2.3	91	20	51	12	28	3.74	+0.55	1.12	0	10	14	8	9	sw.	U S. Weather Bureau.
Due West	Abbeville	711	10	66.2	−3.8	89	20	45	2	31	4.19	+0.16	1.34	0	10	9	12	10	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	4.78	+1.44	1.10	0	7	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	6.48	+3.30	1.61	0	13	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	65.2	−2.0	87	20	46	2	27	3.36	−0.95	1.33	0	10	14	12	5	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	66.0	−4.9	87	†20	47	9	30	5.84	+2.29	1.47	0	13	19	0	12	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	66.6	−3.6	88	† 5	45	12	36	3.88	+0.71	1.12	0	10	17	5	9	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	67.4	.....	91	5	45	12	42	4.62	.....	1.16	0	11	20	0	11	w.	John W. Hamel.
Landrum	Spartanburg	1063	9	63.0	.....	90	20	33	11	45	4.00	.....	1.69	0	9	15	10	6	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	[c]66.8	.....	[c]90	20	[c]45	2	[c]38	3.52	.....	1.02	0	9	14	16	1	w.	L. G. Roff.
Liberty	Pickens	900	24	63.8	−6.3	90	† 5	41	†10	42	8.93	−0.40	1.70	0	8	8	22	1	w.	O. F. Boggs.
Little Mountain	Newberry	711	31	67.0	−4.9	88	† 5	45	12	36	3.92	+1.00	0.90	0	7	21	2	8	w.	Miss Alberta Sease.
Newberry	Newberry	502	20	67.4	−4.8	90	5	48	12	38	6.65	+3.39	1.62	0	10	19	7	5	w.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	4.57	+0.62	1.20	0	10	....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	67.6	−3.5	91	20	46	17	37	3.42	+0.60	1.11	0	10	17	12	2	sw.	W. S. Crout.
Santuck	Union	512	31	65.4	−4.9	90	20	42	3	42	4.01	+0.95	0.96	0	13	16	13	2	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	66.0	−3.4	90	21	45	† 2	36	4.35	+0.26	0.75	0	12	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	31	69.0	−3.1	93	5	48	† 9	42	4.15	+1.04	1.47	0	8	16	6	9	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	64.2	−3.1	90	20	40	†16	44	4.57	+0.81	1.52	0	9	15	11	5	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	68.2	−2.8	90	20	47	12	36	4.42	+0.33	1.06	0	10	18	5	8	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	24	67.6	−2.5	90	5	45	12	37	3.68	+0.52	1.05	0	7	12	19	0	s.	W. T. Clawson.
Division means and	extremes	.....	....	66.6	−2.8	93	5	33	11	45	4.31	+0.92	1.70	0	9	16	8	7	w.	
Section means and	extremes	.....	....	68.0	−3.1	96	21	33	11	45	4.43	+0.75	2.36	0	9	17	7	7	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb: means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.
T. Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for May, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto									.10			.86				1.05						.12							.05	.40		2.58
Charleston ***	Coast								.09			.28				.67	.03					.97	T.		.23	T.			.01	.10		T.	2.38
Cheraw ‖‖	Pee Dee	.42	.13							.15		.28	1.12			T	1.62						1.63			.68			1.08				7.11
Conway ‖‖	Waccamaw	T.								.11		.50					.60						2.36		.54	.12			1.20	.17	T.		5.60
Darlington ‖‖	Pee Dee	.41								.53		.30	1.21			.13	1.05						1.10			1.22			1.52		.10		7.57
Effingham ‖‖	Lynches	.18								.22			.97			T.	1.98						.94			.67			1.55	.14	.06		6.71
Ferguson ‖‖	Santee									.23			2.13				.77						.26						.06	.27			3.72
Florence 1 ‖‖	Pee Dee	.18								.63		.10	1.35				.65						.30			2.00			.85	.25	.05		6.36
Florence 2 ‖‖	do	.22								.83			1.97			T.	.78						.40			1.33			1.64	.21	.23		7.61
Garnett	Savannah						.04		.14			.29				.95	.05					.85	.10						.12				2.54
Georgetown	Coast								.81			.55				T.									1.29			.15	.95				3.75
Kingstree ‖‖	Black	.04								.30			.55				.80						.85			.02			1.88	.84	.23		5.51
Mars Bluff	Pee Dee	.58								.35			1.19				.70						.45			1.58			1.18		.15		6.18
Orangeburg 1	Edisto	T.								.30		T.	.65				.89						.12						.32	.25	.20		2.73
Orangeburg 2	do								.53			.80			.02	.76						.41						.34	.15				3.01
Paris Island	Coast								.14			.15				.39						.60	.55						.12			.01	1.96
Pinopolis	Cooper								.50			.45				.73						.76							.68	.05			3.17
Rimini ‖‖	Santee									.40			.80			.10	.80						.90						1.16	.45	.32		4.93
St. George	Edisto	.05								.10					*	*	1.12						.60							.40	.22		2.49
Society Hill ‖‖	Pee Dee	.08							.24		.24	1.79			.03	1.84						.90			.40			1.35		.05			6.92
Summerville	Ashley								.54			.40				.47	.61					1.40	.30						.52		.30		4.54
Wedgefield	Wateree							.35	.40			.75				.95						1.05			.20			1.05	.25	.65			5.65
Yemassee ‖‖	Ashepoo									.46			.15			.11	.74						.84							.11			2.41
Western Portion.																																	
Aiken	Edisto														.03	.29	.55					.07			.07			1.11		.27			2.39
Anderson	Savannah	.07							T.		.14	.98			.08	.12									.10			1.43	.19	1.30			4.41
Blairs ‖‖	Broad	.03	.21									.38	.76			.05	.94									.04			.92		.46		3.79
Calhoun Falls ‖‖	Savannah	.20				T.				T.		1.10	.40			.15	.40									.15		.15	1.25	.08	.45		4.33
Camden ‖‖	Wateree	.90								.46		.02	.40				1.30						1.25			.35			.60		.26		5.54
Catawba ‖‖	Catawba	.21										.06	1.02			.10	.74									.26			.45	.05			2.89
Chappells ‖‖	Saluda	.32							.53	.06		.04	.98			.03	1.27									.05			.93	.23	.47		4.91
Chester	Broad	.03						.04	.50			1.05			.32	.55	T.								1.15			.40		.30			4.34
Clemson College	Savannah								.11			1.00				.18												1.60	.55	1.10			4.54
Columbia ***	Congaree	T.						.28	.15		T.	.54			.19	.89	.01					.27			.11			1.12		.18			3.74
Due West***	Savannah						T.	.25	.06		.19	.87			.03	.30									.10			1.05	.16	1.18			4.19
Edgefield ‖‖	Savannah	1.10											.46				1.09									.23			1.02	.45	.43		4.78
Gaston Shoals ‖‖	Broad	1.54							1.61	.04		.57	.33			.03	.30	.03					.05			.62		.50	.61	.25			6.48
Greenville ***	Saluda							.09	.01		.37	.88				.02	.20	T.				T.			.01		T.	1.33	.31	.14			3.36
Greenwood ‖‖	do	.12	.03			.03			.33	.07		.55	.50			.35	.47								1.47			1.04	.32	.56			5.84
Heath Springs	Wateree	.05						.20	.06			.54			.06	.98						.46			.30			1.12		.11			3.88
Kershaw ‖‖	Lynches	1.00	.03						.21	.03		.19	.27				1.16						.63			.26			.74		.10		4.62
Landrum	Broad								.28		.29	.82				.32	.04					.22			.06	T.		1.69	.28				4.00
Laurens	Saluda							.08	.10		.10	1.02				.36										.02		.93	.01	.90			3.52
Liberty	Savannah							T.	.25		.30	.75			.12	.14												1.70	.30	.37			3.93
Little Mountain	Saluda								.23			.90				.95						.33			.45			.79		.27			3.92
Newberry	Saluda							1.30	.12		.06	.87			.02	1.10	.06								1.62			.95		.55			6.65
Pelzer ‖‖	do	1.20							T.	.01	T.	.74	.36			T.	.18									34		.62	.48	.48	.16		4.57
Saluda	do	.04							.03			.75			.02	.98	.08					T.			.24			1.11	T.	.02	.15		3.42
Santuck	Broad		.15				T.	.24	.06		.09	.87			.35	.48	.05					.20			.73			.51	.03	.25			4.01
Spartanburg ‖‖	do	1.07	.06						.16	.05		.75	.30			.02	.15						.20			.04			.50	.70	.35	T.		4.35
Trenton	Edisto				T.				.25		T.	.55			.19	.80						T.			.20			1.47	.31	.38			4.15
Walhalla	Savannah								.05		.52	.48			.19	.13									.01			1.52	.62	1.05			4.57
Winnsboro ‖‖	Broad	.36	.10						.10			.15	.52				1.06						.26			.82			.77	T.	.28			4.42
Winthrop College	Catawba											1.05			.21	.65	.22									.50			.70	.35				3.68

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MAY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.5	97	41	3.17	10	.....	.....	.....	.....
1888	70.2	99	33	7.51	11	.....	.....	.....	.....
1889	71.7	101	35	1.97	5	.....	.....	.....	nw.
1890	71.0	95	30	5.44	10	.....	.....	.....	sw.
1891	69.0	100	36	3.57	.....	.....	.....	.....	ne.
1892	71.1	94	39	3.53	.....	.....	.....	.....	.....
1893	70.2	97	38	4.13	9	13	9	9	sw.
1894	70.7	98	38	3.43	9	10	16	5	sw.
1895	69.0	101	34	4.36	9	11	12	8	sw.
1896	76.7	104	42	2.74	8	14	13	4	sw.
1897	69.3	97	38	2.39	6	18	8	5	sw.
1898	73.8	106	39	1.35	5	18	10	3	sw.
1899	73.7	100	45	1.68	5	15	10	6	sw.
1900	70.2	96	38	2.37	5	19	7	5	sw.
1901	71.4	99	40	7.31	11	13	10	8	sw.
1902	74.0	101	42	2.69	8	15	10	6	sw.
1903	70.7	104	44	2.69	9	12	9	10	ne.
1904	70.6	99	38	2.04	7	18	8	5	s.
1905	73.4	99	42	5.70	13	12	9	10	sw.
1906	70.7	99	30	3.00	7	17	6	8	sw
1907	70.8	96	41	4.51	10	11	12	8	sw.
1908	71.8	96	36	2.92	7	16	11	4	sw.
1909	69.5	100	35	4.26	8	14	12	5	sw.
1910	69.8	99	40	4.03	8	15	10	6	sw.
1911	72.6	106	35	0.65	3	20	8	3	ne.
1912	72.4	101	43	4.08	9	16	6	9	sw.
1913	71.7	101	38	2.13	6	19	6	6	sw.
1914	72.1	105	42	0.83	3	18	10	3	sw.
1915	73.0	98	46	7.20	11	11	11	9	w.
1916	73.8	103	42	2.44	5	20	7	4	sw.
1917	66.3	98	31	3.09	7	18	7	6	w.
1918	72.6	100	31	3.48	7	19	8	4	sw.
1919	71.0	96	42	5.23	11	12	11	8	s.
1920	67.6	94	42	1.77	6	16	9	6	ne.
1921	68.1	98	36	5.30	10	12	10	9	ne.
1922	71.0	98	38	5.89	12	12	8	11	se.
1923	68.0	94	31	6.44	12	12	7	12	e.
1924	68.0	96	33	4.43	9	17	7	7	w.
Period	71.1	106	30	3.68	8	15	9	7	sw.

Daily Temperatures for May, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	50	47	50	49	58	57	54	58	48	49	53	43	50	51	57	53	49	54	55	63	63	60	56	61	64	53	63	64	68	68	63	55.8
Charleston	Maximum	79	78	80	87	88	74	82	79	78	75	76	77	81	81	75	75	74	82	83	83	84	74	74	81	84	76	81	86	89	92	79	80.2
	Minimum	60	59	61	61	63	67	65	66	58	60	55	53	60	66	62	59	60	63	68	70	67	65	68	71	69	64	70	75	75	74	69	64.6
Cheraw§§§	Maximum	77	79	81	88	92	83	81	76	72	79	69	74	80	80	78	73	76	81	85	93	85	75	80	84	79	85	76	87	87	80	83	80.6
	Minimum	52	49	50	53	54	56	62	57	53	56	55	47	49	56	57	54	51	53	56	59	64	58	53	60	62	53	55	62	69	69	60	56.3
Conway	Maximum	79	76	81	88	91	80	81	78	88	81	74	75	82	84	81	72	71	84	84	91	90	77	77	83	84	77	81	88	91	88	79	81.8
	Minimum	55	48	55	53	56	57	63	57	55	47	56	46	50	57	60	58	49	51	63	60	65	57	53	64	66	55	60	70	71	73	61	57.8
Darlington§§§	Maximum	78	79	80	87	91	86	85	81	76	80	65	75	80	81	78	71	80	81	85	90	89	73	81	86	80	77	77	87	89	81	80	80.9
	Minimum	54	48	51	54	55	56	61	57	53	50	57	47	50	55	58	53	53	52	56	62	64	58	53	62	62	52	60	66	67	70	59	56.6
Ferguson§§§	Maximum	77	80	88	84	89	82	85	77	78	83	70	72	78	82	77	71	79	81	87	92	89	77	80	88	85	80	86	88	89	91	91	82.5
	Minimum	53	47	50	52	50	56	55	52	53	45	45	51	50	54	57	54	47	48	51	58	69	56	47	58	55	52	53	54	60	61	49	53.0
Florence 1	Maximum	80	81	82	89	93	87	87	83	76	76	65	76	81	84	83	71	79	83	89	94	89	77	83	90	89	79	80	88	90	89	83	83.1
	Minimum	54	50	54	56	59	60	64	59	54	53	54	47	52	58	58	55	52	54	60	63	66	59	54	64	65	66	63	66	66	73	62	58.7
Garnett	Maximum	80	82	81	90	95	87	85	82	76	84	78	....	84	86	77	75	83	.....	.....	.....	.....	.....	.....	89	.....	.....	90	89	92	.....	.....	[b]84.2
	Minimum	56	51	51	65	58	58	54	57	53	50	57	...	49	53	57	55	60	.....	.....	.....	.....	.....	.....	66	.....	.....	65	73	70	.....	.....	[b]57.9
Georgetown	Maximum	80	85	81	90	94	80	95	85	78	80	78	76	72	84	82	85	80	83	83	90	89	76	80	82	86	80	82	88	90	85	80	83.2
	Minimum	57	55	56	56	58	68	59	56	55	47	49	46	52	60	61	55	50	51	63	52	66	58	52	64	64	54	58	60	60	60	67	57.1
Kingstree	Maximum	80	79	80	88	92	88	86	79	78	81	77	77	82	82	79	75	79	85	87	93	88	78	78	87	86	81	81	86	88	87	82	82.9
	Minimum	54	48	53	53	57	58	62	56	55	49	54	47	52	58	60	54	49	51	59	62	64	60	54	65	67	53	63	70	72	70	62	57.8
Orangeburg 1	Maximum	77	79	81	87	92	87	85	88	75	82	67	75	81	83	77	71	80	84	89	93	91	78	84	91	87	83	84	86	89	89	85	83.2
	Minimum	50	48	49	52	69	57	53	55	52	51	54	47	50	53	58	54	49	52	56	60	61	61	54	64	64	60	63	72	70	69	64	57.1
Paris Island§§§	Maximum	78	75	79	83	82	80	81	81	75	75	77	75	78	79	75	74	74	77	84	82	83	76	77	80	82	75	88	88	91	92	82	79.9
	Minimum	62	58	61	61	63	66	61	66	58	61	57	54	58	64	61	58	60	63	66	70	69	67	68	73	71	65	71	75	75	76	71	64.8
St. George	Maximum	77	80	79	86	91	85	84	82	70	79	....	....	....	....	....	....	70	79	83	89	91	89	79	84	88	84	82	89	86	89	86	84	[a]83.3
	Minimum	58	50	52	52	57	60	56	56	54	50	60	....	....	....	....	....	49	51	64	61	62	61	56	63	66	54	61	71	70	71	65	[a]59.0
Society Hill§§§	Maximum	80	82	88	91	89	85	86	76	84	63	77	83	83	83	74	82	83	87	94	92	77	85	87	80	78	78	92	91	85	83	83	83.3
	Minimum	49	51	54	55	56	57	58	54	50	52	47	48	52	57	53	52	54	56	56	65	59	52	54	63	52	57	61	70	70	59	58	55.8
Summerville	Maximum	79	81	80	88	88	82	84	80	76	81	76	75	81	85	78	74	78	83	88	88	96	78	80	88	86	81	87	87	89	89	83	82.9
	Minimum	52	50	53	52	55	59	58	57	53	59	57	45	51	56	63	56	48	53	61	60	62	61	55	66	63	54	61	71	71	61	55	57.4
Wedgefield	Maximum	76	77	78	85	91	88	86	79	76	80	75	74	79	82	76	78	78	82	86	91	87	76	88	84	82	80	79	87	87	86	82	81.8
	Minimum	53	52	53	56	62	62	61	61	52	52	53	47	53	55	55	54	52	54	58	63	64	60	56	63	65	56	63	70	70	68	62	58.2
Yemassee	Maximum	78	81	79	87	90	82	83	80	75	82	78	76	82	83	75	75	80	85	90	92	87	82	80	87	83	80	88	89	90	90	86	83.1
	Minimum	54	47	50	52	57	55	52	56	52	47	56	46	50	51	62	54	48	50	60	58	60	62	56	64	62	54	61	72	70	72	66	56.6
Western Portion.																																	
Aiken	Maximum	76	79	78	85	90	85	81	80	72	69	71	74	78	80	77	75	78	82	87	91	86	78	81	81	81	80	86	90	87	87	85	81.0
	Minimum	57	54	52	54	58	54	55	57	53	51	49	53	54	55	55	56	50	64	65	64	59	64	65	55	66	71	67	67	65	58.0		
Anderson	Maximum	71	72	76	80	86	85	84	73	71	61	61	75	73	63	70	70	73	80	73	88	78	77	88	76	81	78	80	83	83	79	76	76.3
	Minimum	56	48	50	54	59	59	60	59	47	52	49	49	51	54	51	51	48	53	58	63	64	59	58	54	56	53	61	67	67	66	60	66.0
Calhoun Falls§§§	Maximum	75	76	80	85	90	88	82	75	73	73	62	75	79	76	62	72	78	86	88	92	84	79	82	79	80	79	82	86	86	81	81	79.5
	Minimum	54	45	46	51	53	58	54	59	45	51	51	49	48	49	52	45	46	49	59	61	63	59	54	56	53	56	62	65	65	66	61	54.4
Camden§§§	Maximum	71	79	79	85	92	88	85	75	75	79	65	75	81	80	74	73	78	81	88	92	85	81	85	84	82	80	80	89	90	85	83	81.3
	Minimum	52	48	49	49	53	57	58	56	50	52	57	46	49	51	54	52	53	52	54	56	59	58	53	55	63	52	60	65	70	69	59	54.8
Chester	Maximum	74	76	83	84	89	86	84	75	72	70	58	74	76	76	73	71	75	80	83	89	83	75	83	79	78	77	76	79	86	81	80	78.2
	Minimum	48	46	53	53	55	58	55	55	49	51	52	46	50	56	51	51	50	52	57	62	65	57	53	64	60	54	56	60	52	66	59	54.7
Clemson College	Maximum	73	72	77	81	85	88	91	77	72	75	64	75	75	77	70	73	76	80	83	88	86	84	80	78	80	77	80	84	79	83	85	79.0
	Minimum	51	43	43	49	50	52	54	57	46	46	49	46	45	48	44	48	47	43	52	56	62	57	47	65	53	47	59	62	61	64	66	52.0
Columbia	Maximum	74	77	77	84	90	85	84	76	73	78	61	74	78	80	75	72	77	81	87	91	86	76	81	83	81	78	79	87	87	84	81	79.9
	Minimum	56	51	54	57	62	63	59	61	53	57	52	51	54	56	55	54	53	58	62	66	64	62	59	65	65	58	64	70	70	69	63	59.4
Due West	Maximum	71	73	76	81	87	83	84	73	70	66	61	74	75	74	68	70	74	81	83	89	82	76	81	76	79	76	82	85	84	80	77	77.1
	Minimum	51	45	46	54	56	60	54	58	46	51	49	48	47	55	51	48	49	51	58	60	63	59	54	65	58	54	61	68	66	65	60	55.2
Greenville	Maximum	69	71	75	80	85	84	83	71	69	56	59	73	72	69	68	68	72	79	82	87	77	73	78	76	79	76	80	82	82	75	75	75.0
	Minimum	51	46	49	59	59	60	59	57	47	50	48	49	51	54	49	49	49	52	60	60	64	57	57	64	55	55	57	63	67	63	58	55.4
Greenwood	Maximum	71	72	75	81	85	84	83	71	69	68	60	72	74	73	65	67	73	78	81	87	87	77	79	76	75	74	79	85	85	74	75	76.0
	Minimum	51	49	50	52	58	61	59	58	47	52	54	48	51	58	52	49	48	52	57	62	63	59	54	55	59	52	63	69	66	67	59	55.9
Heath Springs	Maximum	72	74	75	83	88	84	88	80	74	73	71	70	74	76	72	67	70	77	80	87	82	76	77	80	75	74	73	79	86	81	77	77.3
	Minimum	52	49	53	52	57	58	55	55	50	50	52	45	51	52	54	51	50	55	57	62	63	57	52	62	60	51	60	69	70	67	58	55.8
Kershaw	Maximum	75	78	80	84	91	87	84	77	73	77	61	74	79	82	76	72	77	80	85	90	85	76	81	83	83	78	76	86	87	82	80	80.0
	Minimum	52	49	49	49	55	56	56	54	50	50	55	45	50	51	55	52	50	53	55	61	61	56	51	61	59	52	60	69	60	68	57	54.9
Landrum	Maximum	69	73	78	83	86	88	88	73	72	66	61	71	76	70	72	69	72	81	82	90	79	73	79	78	80	76	76	83	82	75	76	76.7
	Minimum	55	48	47	52	67	45	44	43	40	35	33	44	39	36	41	44	41	46	54	53	58	55	48	65	53	42	55	59	69	64	55	49.4
Laurens	Maximum	74	75	77	86	89	88	85	77	73	69	62	76	77	76	75	72	77	84	....	90	84	76	82	79	80	79	80	87	86	79	77	[a]79.0
	Minimum	52	44	45	54	56	54	52	57	47	49	52	48	49	50	49	51	46	55	....	60	63	59	50	65	57	51	60	67	66	66	60	[a]54.5
Liberty	Maximum	71	73	77	84	90	89	87	73	71	61	60	75	75	75	70	71	76	81	85	90	81	77	82	78	82	76	81	84	82	77	70	77.5
	Minimum	48	42	42	53	54	52	54	54	42	41	42	45	45	45	44	45	41	46	52	53	62	54	48	63	51	50	51	59	63	61	50	50.1
Little Mountain	Maximum	73	73	75	80	88	86	85	73	70	75	59	65	75	77	75	72	78	80	83	88	83	76	82	81	80	76	76	84	85	80	82	77.9
	Minimum	51	49	50	52	53	56	55	53	50	54	49	45	50	55	55	54	54	56	68	62	63	64	54	59	60	55	60	68	67	56	58	56.0
Newberry	Maximum	74	75	78	84	90	88	85	74	71	75	62	74	76	76	73	72	76	80	84	89	84	78	82	81	78	79	79	86	86	83	80	79.1
	Minimum	52	46	46	52	54	58	54	58	49	51	52	48	50	53	52	52	50	51	54	62	63	59	52	64	61	52	64	69	69	68	60	55.6
Saluda	Maximum	73	76	78	83	90	86	85	75	73	79	63	74	79	79	73	72	77	81	86	91	86	79	83	83	80	81	81	87	87	85	82	80.2
	Minimum	52	45	47	53	54	55	54	56	47	49	52	48	48	50	50	52	46	51	54	61	65	60	51	62	63	48	64	70	69	69	61	55.0
Santuck	Maximum	74	75	77	84	89	87	87	69	72	70	60	75	77	77	74	72	75	80	84	90	85	76	82	80	79	80	80	86	86	83	80	78.9
	Minimum	49	43	42	49	50	51	50	53	46	48	53	46	47	49	48	50	44	46	52	57	65	57	48	62	58	46	46	63	67	66	60	52.0
Spartanburg	Maximum	70	74	78	84	88	88	86	76	74	79	60	73	77	75	73	71	75	82	85	90	80	80	82	81	83	79	80	86	85	78	78	79.0
	Minimum	49	45	45	53	52	54	57	55	48	47	52	45	48	52	48	45	46	47	55	58	60	56	50	60	54	55	59	59	64	64	58	52.9
Trenton	Maximum	74	77	80	85	93	85	85	76	74	80	62	75	80	80	70	72	77	82	87	92	87	79	84	84	82	82	78	87	87	82	85	80.7
	Minimum	53	50	57	51	59	59	58	59	48	54	51	48	52	54	68	52	49	53	59	64	60	60	56	65	62	54	66	68	67	68	61	57.4
Walhalla	Maximum	73	73	78	86	87	88	86	71	72	60	63	75	74	67	71	73	74	81	85	90	80	77	82	82	82	79	84	89	90	90	86	77.8
	Minimum	48	42	42	50	55	52	54	54	44	46	47	46	44	46	42	40	40	44	52	55	60	52	47	65	51	48	58	60	60	63	58	50.5
Winnsboro§§§	Maximum	74	75	77	84	89	87	83	75	73	77	69	75	78	79	75	71	77	80	85	90	85	78	82	82	79	78	78	87	87	89	84	80.1
	Minimum	51	49	52	52	53	61	57	57	49	51	55	47	53	56	53	52	51	55	56	63	64	57	54	56	61	54	61	65	69	68	60	56.2
Winthrop College	Maximum	79	75	77	85	90	87	85	77	74	71	59	71	78	76	74	71	77	79	85	87	89	85	81	85	80	78	77	85	86	80	81	79.6
	Minimum	50	49	55	54	56	57	60	55	49	51	50	45	58	55	52	49	50	50	57	61	63	52	56	63	57	52	60	64	69	65	58	55.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

RECORD BREAKING TORNADOES IN SOUTH CAROLINA ON APRIL 30, 1924.

Two of the most violent and destructive tornadoes in the history of South Carolina occurred in this Section on April 30, 1924. These rotary storms were part of numerous violent local disturbances prevalent in many sections of the cotton states, incident to a cyclone of unusual intensity that was centered between Louisville, Ky., and Evansville, Ind., on the morning of that date, with the barometer reading 29.38 inches.

In the weather lore of this State they will be known as the Anderson Tornado and the Horrell Hill Tornado because of the preponderance of casualties and devastation at these places. The general paths are shown in the accompanying chart. According to the Greenville *Piedmont*, the nearest approach to these storms in destructiveness was what is known as the Townville Tornado of some 40 years ago in northwestern Anderson County, when a considerable number of persons were killed and injured. Another severe tornado occurred in the Horse Creek Valley of Aiken County on March 7, 1922, causing the death of five persons, injury to 20, and property damage estimated at $15,000. The paths of the Anderson and Horrell tornadoes are shown in the accompanying chart.

THE ANDERSON TORNADO.

The Anderson tornado came into this State from northern Georgia, crossing the Savannah River into Anderson County about 7:30 a. m. It first became generally destructive at a point some two miles southwest of the city of Anderson, in Anderson County, just before 8:00 a. m., and thence traversed sections of Anderson, Greenville, Laurens, Spartanburg, Union, Cherokee, and York Counties in a sort of zigzag path to the vicinity of Hickory Grove, in western York County, where it was last observed about 11:00 a. m. The length of the path in South Carolina was about 100 miles. The width of the path ranged from 100 to 1,300 yards, the latter width being near Glenn Springs, in Spartanburg County. The hail accompanying the storm was generally light and scattered.

On account of the rather rugged topography, the funnel cloud bounded along, lowering and raising in many sections, meanwhile maintaining its identity, according to many reports received from both sides of its path, and there was unmistakeable evidence of rotary winds of great violence.

Mr. Frank T. Cole, Meteorologist, in charge of the Weather Bureau Aerological Station at Due West, S. C., visited the city of Anderson during the afternoon after the storm, and again on May 2. Following is a portion of his report:

"The disturbance was purely tornadic in character, and the small loss of life can only be explained by the flimsy construction of the cottages in the mill village and in the negro quarters. Over half the lives lost were lost in the better constructed homes in the residence section in the vicinity of East River Street. Due to the width of the tornado, it is also possible that it was not so violent as x x farther east in the State.

"The tornado first (became destructive) two miles southwest of Anderson, at a place called Masters Store, where it destroyed a store and four or five smaller buildings in the vicinity. It then jumped the two miles between Masters Store and Anderson, striking the town just east of McDuffie Street at 8:00 a. m., thence moving in a general direction toward the northeast and slowly widening its path and also increasing its intensity. It jumped the slight depression between the city proper and the mill village, doing little damage, but totally wrecked the mill village as it moved toward the two cotton mills, the Toxaway and the Riverside. Beyond the mills is another depression running across the path of the tornado, and little damage was done there. The last traces of destruction are visible about three-quarters of a mile beyond the Toxaway mill, where a grove of trees was almost totally destroyed and the house in the grove badly damaged, though not thrown down or unroofed. To the south of the mills a depression runs parallel with the course of the tornado, but with no buildings in it. Trees in this place were thrown and twisted in all directions.

"All the deaths, except one, occurred near what was the center of the disturbance, but the greatest property damage took place at the mills."

Mr. William H. Shearer, City Engineer of Anderson, has very kindly made the following statement regarding the storm in the southeastern part of the city and its environs:

"The real center of destruction in the city of Anderson begins about 300 feet east of South McDuffie Street, and, in width, beginning about 100 feet north of East Franklin Street and extending south about 400 or 500 feet. x x Almost directly south of the beginning point, at a place called South Anderson, in distance about three miles, several houses were completely destroyed. Between the towns of Iva and Starr, about 12 miles south, was another storm which blew down a number of houses. At Pendleton, about 14 miles northwest of Anderson, was another storm, blowing down a number of houses."

In its movement toward the northeast, the tornado increased in intensity again near Moore and Walnut Grove, about 13 miles south of Spartanburg, where many persons were injured and much property destroyed. Nine persons were killed in Anderson, and available reports indicate that about 100 were injured and about 600 rendered homeless during the progress of the storm. The general losses are estimated at about $2,000,000, of which about $1,500,000 are represented in Anderson County.

THE HORRELL HILL TORNADO.

What is now called the Horrell Hill Tornado first made its appearance about 11:00 a. m. in Aiken County, about 11 miles northeast of the city of Aiken, S. C., and traveled in a serpentine path through the central counties of Lexington, Richland, Sumter, Lee, Darlington, and Florence Counties, and was last observed about 3:00 p. m. near Pamlico, in eastern Florence County, having traveled a distance of about 135 miles.

RECORD BREAKING HAILSTORM AT COLUMBIA.

As the storm approached Columbia about 11:30 a. m. from the southwest, the clouds had a most ominous aspect, very dark and low-hanging, with high thunderheads of great magnitude, the undersheeting having a dull green cast. Artificial light was necessary about high noon. When the windsquall broke over

(*Continued on page 22.*)

(*Continued from page 21.*)

the city, it was attended by the most destructive hailstorm of record for the station, the largest hailstones measuring 1 3-4 x 2.0 inches in diameter and 1.0 inch thick, each with an ice core only. The heaviest hail fell between 11:35 and 11:38 a. m., and hailstones were visible in the grass on the grounds until 1:30 p. m.

As subsequently learned, the northern end of the storm cloud was charged with hail, and in the southern end was the tornado, which crossed the Congaree River from Lexington County at Adams Pond, about 9 miles south of Columbia. The center of general hail damage was apparently in Columbia and vicinity, and numerous reports from points on both sides of the tornado's path indicate but a small amount of light hail. Thousands of glass panes in residences, cotton mills, greenhouses, and other buildings were destroyed by the pelting hail and the high winds, and 15 panes of glass in the Weather Bureau observatory were ruined. Many roofs became leaky incident to the driving winds, rains and hail, and much property was damaged by water. The total losses are estimated at about $60,000. This was by far the most destructive hailstorm of record in this vicinity.

On May 5, the writer, accompanied by two assistants, made a general survey of the region in Richland County traversed by the tornado, beginning at Adams Pond, where the storm first entered the county, and followed the path in cross section, as near as the roads would permit, to a point near the Wateree River, where the storm crossed into Sumter County, between Hagood and Horatio. Later the writer visited the storm region in Lexington County from New Brookland to beyond Edmund.

The uprooted trees, lying at right angles to the path, the tangled debris in the forests, and the demolished residences and farm buildings gave ample evidence of violent circular winds. One large gum tree, in particular, in the Adams Pond swamp forest, had been whirled around, just as one would roll or twist a sheet of soft paper between the hands, and had fallen toward the center of the path, the tough fibers disclosing a twist against the hands of a watch.

A singular feature of this storm was the fact that it remained in contact with the ground during practically the entire journey from northern Aiken County to southern Lee County, where the country became more rolling, and it apparently began to bound as did the Anderson tornado. Numbers of persons were interviewed, and all stated that a well-defined funnel cloud of great proportions was discernible in the rainstorm, and it was of a blue-black color and seemed to drag out behind the main storm cloud aloft, The path ranged from 100 to 1,400 yards in width, the latter width being in the Adams Pond section. At Lykesland, some miles to the northeast, the path was reduced to about 1,000 yards in width, and there was every evidence that the disturbance switched about like a running serpent and swayed back and forth like the swinging of an elephant's trunk.

The strongest wind force seemed to have been developed on the gentle slope a few miles southwest of Horrell Hill, 13 miles east of Columbia, where the path had drawn in to about 500 yards and where the tornado made a sharp turn toward the southeast; it then made another sharp turn toward the north, and a third sharp turn toward the east just south of Horrell Hill, where a school house filled with children was destroyed. It was in this region that the greatest loss of life occurred, and here, while many large trees were uprooted, one large oak about four feet in diameter, with a root system too strong to be torn from the ground, was torn off about midway of the trunk. After passing Horrell Hill, the storm drew down to a path about 300 yards wide and continued eastward south of the Eastover Highway about two miles, then crossed the road and moved in a northeasterly direction toward the Wateree River.

On crossing the Wateree River, the tornado increased in violence, and nearly as many persons were killed in Sumter County near Gaillard's Crossroads and in Florence County south of Timmonsville as in central Richland County. The storm apparently began bounding along in the rather rough country after it reached southern Lee County and was last observed in the vicinity of Pamlico, in eastern Florence County, where the path was reduced to about 100 yards.

It seems unnecessary to go into the gruesome details of distress, suffering and misery incident to these two storms save to remark that the public responded generously to the crying needs of the victims, in personal care, monetary assistance, and material help in constructing places of shelter and habitation and replanting crops destroyed. Many planters suffered complete loss of their homes, which were simply blown away and distributed throughout the country side. During the progress of this tornado, 67 persons lost their lives, and the property loss was estimated at $1,000,000.

According to the latest statements of the Director of the Red Cross, operating in this and the Anderson fields, together with generous responses to inquiries sent out by this office, following is a statement of the deaths, injured, and homeless, by counties, incident to these two storms:

County.	Number of deaths.	Number of persons injured.
Lexington	8	84
Richland	24	244
Sumter	20	198
Lee	1	8
Florence	14	144
Anderson	9	100
Total	76	778

The first column represents published reports of death. The values by counties in the next column are proportional. There were 465 homes destroyed, 2,532 persons rendered temporarily homeless, and 710 families affected. Later data will not materially change the general totals. R. H. S.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., JUNE, 1924. No. 6.

GENERAL SUMMARY.

June was warmer than usual, and a marked heat wave prevailed from the 18th to the 23d, inclusive. Precipitation was somewhat above normal, on the average, but was very irregularly distributed as to areas and amounts.

Cotton, corn, tobacco, sweet potatoes, peanuts, and other crops made rapid growth, especially during the hot period after the 16th, but the continued showers prevented proper cultivation in large areas, and grass accumulated rapidly. The first cotton bloom was observed near Allendale on the 8th, and the general crop was vigorous, though backward. Weevil infestation increased incident to the moist weather. Much early corn was laid by toward the close of the month, but the young crop needed cultivation. The cereal harvests were completed by the last week, and stubble lands were turned to forage, which developed generally good stands. Tobacco curing began about the end of the month. Peaches, plums, blackberries, and cantaloupes, and garden vegetables of all kinds, were plentiful.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29.97 inches. The highest pressure was 30.17 inches at Charlotte, N. C., on the 11th and at Due West on the 12th; the lowest pressure was 29.74 inches at Angusta, Ga., and Charlotte, N. C., on the 1st, and in the Section proper, 29.78 inches at Columbia and Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 78.7°, or 1.1° above the normal. The highest temperature was 104° at Winthrop College on the 20th, at Calhoun Falls on the 20th and 21st, and at Blackville, Kershaw, Orangeburg No. 1, Saluda, and Winnsboro on the 21st. The warmest periods were from the 7th to 9th and from the 16th to the close of the month. The lowest temperature was 52° at Walhalla on the 4th and 5th and at Liberty on the 5th. The coolest periods were from the 3d to the 5th and from the 10th to the 15th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 60%; 8 p. m., 75%. The highest percentages occurred along the coast, and the lowest, over the northwestern counties.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 5.12 inches, or 0.28 inch above the normal. Precipitation was very unevenly distributed in areas and amounts. The rainfall ranged from 5 to over 13 inches in extensive areas of the central and eastern counties and the coastal plain, while along the lower coast and in the Piedmont the amounts were less than 4 inches. The greatest local monthly amount was 13.02 inches at Georgetown, and the least local monthly amount was 1.04 inches at Calhoun Falls. The greatest amount during any 24 hours was 7.04 inches at Little Mountain on the 24th. The number of rainy days was normal.

A small tornado near Elliott, in Lee County, about dark on the 23d, caused the death of Mrs. Maggie Ned and her infant, negroes, rendered 32 persons homeless and destroyed property estimated at about $10,000. About the same time a hailstorm caused about $40,000 damage to crops in a short path about one-half mile wide.

A severe hailstorm near Lowryville about 5:30 p. m. on the 23d, caused about $3,000 damage in a short path about a half-mile wide.

Rather severe hailstorms were reported as follows: Rock Hill, 30th; Salem, 14th; North, 24th; 8 miles north of Due West, 30th.

Light hail occurred as follows: Catawba, 13th and 14th; Chester. 13th, 22d, 24th, 26th, and 30th; Columbia, 24th; Laurens, 24th and 26th; Little Mountain, 23d.

Deaths by Lightning.—Mrs. Robert Martin, colored, in West Wateree, near Camden, 23d; James Lowe, colored, near Geiger's Mill, in Dixiana section, Lexington County, 26th; Dawson Jones and wife, colored, in Cureton Mill section, near Camden, 26th.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 6.8 miles. The highest average velocity was 10.1 miles per hour at Charleston, S. C., and Savannah. Ga.; the lowest average was 3.3 miles per hour at Charlotte, N. C., and in the Section proper, 5.8 miles per hour at Columbia. The highest velocity for any 5-minute period was 50 miles per hour at Greenville from the northwest on the 24th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 292.9 hours, or 68% of the possible amount. The average number of clear days was 13; partly cloudy, 9, and cloudy, 8, as against normals of 13, 11, and 6 days, respectfully.

RIVER CONDITIONS.

Notwithstanding the relatively numerous showers, all rivers of the Section remained within their banks, except the Santee River, which was in flood at Rimini on the 1st and 27th.

MISCELLANEOUS DATA FOR JUNE, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	29.97	71.4	91	50	1.91	0.37	6.1	n.	88	55	71	68
Augusta, Ga.....	29.96	80.7	102	60	5.56	2.24	4 9	nw.	80	58	70	69
Charleston, S. C...	29.98	81.2	101	66	2.39	0.80	10.1	sw.	77	64	83	75
Charlotte, N. C ...	29 96	77.0	100	57	7.86	2.22	3.3	sw.	80	56	71	70
Columbia, S. C....	29. 97	79.7	102	61	5.45	2.02	5.8	s.	89	67	76	67
Due West, S. C....	29. 99	77.6	99	57	2.87	1.09	7.1	sw.	81	56	....	65
Greenville, S. C...	29. 95	76.6	99	57	2.26	0.79	6.9	sw.	79	58	68	67
Savannah, Ga.....	29. 98	81.3	101	65	3.86	0.97	10.1	sw.	81	57	79	68
Wilmington, N. C.	29. 97	77.4	99	62	8.23	2.44	6.7	sw.	84	66	84	64
Means and extremes	29. 97	78.1	102	50	4.49	2.44	6.8	sw.	82	60	75	68

JUN 22 1925
UNIVERSITY OF ILLINOIS

Climatological Data for June, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	°80.6	+1.3	°104	21	62	4	°37	5.14	−0.50	0.97	0	11	20	7	3	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	81.2	+2.3	101	21	66	4	20	2.39	−3.00	0.80	0	10	6	15	9	sw.	U. S. Weather Bureau.
Chenaw	Chesterfield	144	42	77.9	+0.7	100	20	59	4	33	7.58	+2.33	2.03	0	11	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	34	78.8	+2.0	103	21	60	1	32	12.73	+7.66	2.00	0	14	8	7	15	sw.	Paul Quattlebaum.
Darlington††	Darlington	175	29	78.4	+1.6	100	21	59	4	29	4.91	−0.68	1.57	0	9	9	10	11	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	5.21	−0.65	0.94	0	13	.....	.....	.	.....	Wm. B. Gillespie.
Fergnson††	Orangeburg	63	38	.....	.....	100	†22	.....	.....	.....	8.08	+2.32	1.56	0	15	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	42	80.2	+1.8	103	21	60	1	39	4.01	−1.26	0.95	0	10	23	1	6	w.	H. K. Gilbert.
Florence 2	.....do	136	9	.....	.....	.....	.....	.....	.....	.....	4.01	−1.26	1.02	0	10	15	5	10	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	f81.4	.....	f103	†21	f64	5	f33	7.68	.....	1.15	0	13	.....	.....	.....	.....	Maner B. Robert.
Georgetown	Georgetown	18	31	79.1	+0.7	102	21	60	1	34	13.02	+7.45	2.25	0	9	11	17	2	sw.	A. P. Hazard.
Kingstree	Williamsburg	54	42	80.0	+2.0	101	21	61	1	31	8.37	+3.21	1.86	0	14	17	3	10	w.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	4.36	.....	1.50	0	8	.....	.....	.....	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	8	80.3	.....	104	21	61	4	32	7.32	.....	2.07	0	13	6	21	3	w.	U.S. Fisheries Station.
Orangeburg 2	.....do	264	4	.....	.....	.....	.....	.....	.....	.....	4.14	.....	0.75	0	12	12	11	7	sw.	State A. and M. College.
Paris Island	Beaufort	13	43	80.0	+1.0	95	21	66	4	19	4.97	−0.43	1.92	0	12	10	10	10	s.	U.S. Naval Aerological Sta.
Pinopolis **	Berkeley	54	77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	6.76	+2.77	1.25	0	10	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	80.2	+1.7	103	21	63	† 1	30	8.62	+3.45	4.05	0	11	8	14	8	.....	R. L. Utsey.
Society Hill	Darlington	192	33	k79.2	+2.3	103	21	k59	3	k33	5.79	+0.35	1.47	0	12	21	2	7	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	n78.2	+0.9	n100	30	n63	14	n33	4.67	−1.09	.....	0	12	.....	.....	.....	.....	E. P. Lawton.
Wedgefield	Sumter	249	34	79.4	+2.2	100	21	61	4	29	6.01	+1.12	2.00	0	9	21	4	5	w.	W Hampton Ramsey.
Yemassee	Hampton	24	35	80.0	+1.1	101	†21	62	5	32	4.78	−1.21	1.11	0	12	15	1	14	s.	W. C. Hutson.
Division means and	extremes	.....	.....	79.8	+2.1	104	21	59	† 3	39	6.45	+0.99	4.05	0	11	14	8	8	sw.	
Western Portion.																				
Aiken	Aiken	527	62	79.9	+2.3	101	21	58	4	29	3.94	−0.80	1.43	0	7	15	2	13	sw.	Frank B. McCoy.
Anderson	Anderson	764	31	77.4	+1.8	98	†20	58	† 4	28	3.25	−0.50	0.87	0	9	17	2	11	w.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	3.87	−0.60	1.15	0	9	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	77.4	.....	104	†20	56	† 4	35	1.04	−3.59	0.55	0	5	12	12	6	sw.	L. M. Parker.
Camden	Kershaw	222	74	80.0	+2.3	103	21	59	† 4	31	9.67	+5.19	5.00	0	11	21	0	9	w.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	3.89	−1.01	0.95	0	8	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	2.15	−1.92	0.86	0	7	.....	.....	.....	.....	George V. Champ.
Chester	Chester	487	2	°78.2	.....	°101	21	°57	† 4	°36	5.99	.....	1.22	0	12	8	14	8	ne.	J. C. Cornwell.
Clemson College	Oconee	850	32	77.2	+1.9	98	20	54	5	32	3.54	−1.64	2.10	0	9	23	5	2	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	79.7	+1.6	102	20	61	4	27	5.45	+1.27	2.02	0	10	6	17	7	s.	U S. Weather Bureau.
Due West	Abbeville	711	10	77.6	+1.1	99	20	57	4	27	2.87	−1.19	1.09	0	11	5	17	8	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	3.68	+0.08	1.12	0	7	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	4.82	+2.51	1.28	0	13	.....	..	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	76.6	+2.5	99	20	57	4	28	2.26	−2.83	0.79	0	10	7	20	3	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	77.6	+0.2	98	†20	60	5	26	1.54	−3.02	0.43	0	6	22	0	8	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	77.5	+1.1	99	21	57	4	32	7.45	+2.25	1.65	0	10	6	12	12	w.	J. Marvin Bowers.
Kershaw	Kershaw	509	8	78.1	.....	104	21	57	4	33	6.57	.....	2.65	0	9	18	0	12	w.	John W. Hamel.
Landrum	Spartanburg	1063	9	75.6	.....	98	†19	54	5	34	4.18	.....	1.61	0	11	12	14	4	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	78.1	.....	101	†20	55	5	34	4.48	.....	1.54	0	9	7	21	2	sw.	L. G. Roff.
Liberty	Pickens	906	24	76.4	+0.1	102	20	52	5	37	1.69	−3.50	0.72	0	3	12	14	4	w	O. F. Boggs.
Little Mountain	Newberry	711	31	76.9	−0.9	100	†20	54	5	31	8.98	+4.72	7.04	0	6	17	2	11	sw.	Miss Alberta Sease.
Newberry	Newberry	502	20	78.9	+0.7	103	20	58	† 1	33	6.31	+2.09	2.87	0	9	14	10	6	w.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	3.24	−1.01	1.04	0	9	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	79.8	+2.3	104	21	57	1	33	1.93	−3.05	0.60	0	9	12	16	2	sw.	W. S. Crout.
Santuck	Union	512	31	78.2	+1.5	103	21	53	1	36	4.43	+0.37	1.78	0	12	8	18	4	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	78.2	+2.2	101	†21	56	† 1	31	2.04	−2.64	0.60	0	9	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	31	79.5	+1.3	102	21	59	4	33	5.39	+0.78	1.65	0	7	19	8	3	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	77.2	+2.5	102	†20	52	† 4	36	1.82	−3.47	0.65	0	9	15	12	3	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	b80.0	+3.3	b104	21	b56	3	b32	3.81	−0.58	0.91	0	9	12	14	4	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	24	78.4	+2.3	104	20	57	5	38	5.45	+0.31	1.50	0	9	9	20	1	s.	W. T. Clawson.
Division means and	extremes	.....	.....	78.1	+1.4	104	†20	52	† 4	38	4.19	−0.42	7.04	0	8	13	10	7	sw.	
Section means and	extremes	.....	.....	78.7	+1.1	104	†20	52	† 4	39	5.12	+0.28	7.04	0	10	13	9	8	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for June, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ||||	Edisto		.97					.20			.20					.05		.50		.57	.20					.10		.85	.70		.80		5.14
Charleston ***	Coast	.80		.68			T.			.10	.02		T.				.02	.05	T.					T.	.19		.01	.09			.43		2.39
Cheraw ||||	Pee Dee		.19		.54			.98			.43							.13		2.03				.66	.52	.53		.44			1.13		7.58
Conway ||||	Waccamaw		.23		2.00			.05	.52		.96	T.	.10		1.46	.05								1.44	1.94	.24		1.23	1.05		1.26		12.53
Darlington ||||	Pee Dee				.17			T.	T.		.30							.25		1.57				.05	.92	.72		.05			.88		4.91
Effingham ||||	Lynches		.94		.37				.30		.09				.15	.04		.50		.52				.26	.78	.55		.11	T.		.60		5.21
Ferguson ||||	Santee		.82		.74			.16	.06		1.56					.26		1.25						.05	.16	1.06	.07	.55	.21	.07	1.06		8.08
Florence 1 ||||	Pee Dee		40		.25						.25							.70		.26				.20	.50	.45		.05			.95		4.01
Florence 2 ||||	do		.08		.19				T.		.27					T.		.45		.93				.15	.36	.47		.09			1.02		4.01
Garnett	Savannah		1.08	.52			1.15	.05			.72				.12		.18	.68	T.				.36		.80	.87		.50			.65		7.68
Georgetown	Coast		2.25	1.05				1.78			1.78				1.08		T.	T		1.02				1.08	T.		T.	1.66	T.		1.32		13.02
Kingstree ||||	Black		.55		.85			.02			1.00				.07	.10		1.30		.30				1.86		.40		.52	.14	.76	.50		8.37
Mars Bluff	Pee Dee		.40		.36													.45		.12				1.50	.15	.11		.77		.50			4.36
Orangeburg 1	Edisto		.87		.60			.58	.05				T.			.22		.24	.05	.06	T.				2.07	.20	.22	1.95	.21				7.32
Orangeburg 2	do	.64		.75			.75	.20							.33		.25	.15	.02				.10	.48	.17			.30					4.14
Paris Island	Coast	.25		.60			.12	.01		.12					.61		.31								1.92		.01	.18	.45		.39		4.97
Pinopolis	Cooper																																
Rimini ||||	Santee		.95		.65			.23	.50							.98		.60								1.25		.70	.15		.75		6.76
St. George	Edisto		.43		.80			.08			.20	.10						.76							.02	1.50		4.05	.65	.03			8.62
Society Hill ||||	Pee Dee	.21		.45			.50			.20							.10		1.47				.99	.12	.71		.15			.80	.09		5.79
Summerville	Ashley			1.10	.09						.11					.04		*	*					*	*		*	*	*		3.42		4.67
Wedgefield	Wateree		.28	.25												.20	2.00		.06							.75	.45	.50			1.52		6.01
Vemassee ||||	Ashepoo		1.01		.46			.23				.17				.14		.18						.03		1.11	.12	.98	.20	.15			4.78
Western Portion.																																	
Aiken	Edisto	.35	.69	.29			1.43			.13									.27									.78					3.94
Anderson	Savannah	.16		.65			.87	.20		.14						.20	.07										.68	T.			.28		3.25
Blairs ||||	Broad		.18		.58			.40	.04							.06									.21	.46		.79			1.15		3.87
Calhoun Falls ||||	Savannah		.25		.55			T.			T.				.10	.06	.08										T.		T.			1.04
Camden ||||	Wateree		.12		.15			.75								1.25		.42	.28	.04				5.00	.80		.60			.26		9.67
Catawba |||	Catawba				.95			.91								.16			.20						.98	.08		.09			.52		3.89
Chappells |||	Saluda		.30		.65														.04						.07	.86				.02	.21		2.15
Chester	Broad		.05	1.00			.10	1.07		.40	T.			.24	.60								.30		1.22	.06	.60				.35		5.99
Clemson College	Savannah	.04		.60			2.10			.23		.02			.10												.32			.03	.10		3.54
Columbia ***	Congaree	.23		.15			.08			T.					.52		T.	.36	.01					T.	1.84		1.89	.14		T.	.23		5.45
Due West***	Savannah	.18		.41			.37	.06		.13		T.			.18	T	.08							T.	.03	T.	1.09	T.		.04	.30		2.87
Edgefield ||||	Savannah		.47		.27					.29										.41					1.12			.97			.15		3.68
Gaston Shoals ||||	Broad		.04		.25	.38		1.28			.05	.01	T.			.35		.64		.08					.29	.16		.03			1.26		4.82
Greenville ***	Saluda	.03		.39			.02		.36	.48	.02	T.			.21	T.	T.								.51		.04			.20			2.26
Greenwood ||||	do				.43				.21		.28														.33		.08				.21		1.54
Heath Springs	Wateree	.40		.83			.14								.87	.08			.56				.72		1.30		1.65			.90			7.45
Kershaw |||	Lynches		.06		.61			.27								.47				.18					.27	2.65		1.74			.32			6.57
Landrum	Broad	.14		.38									.15		.21		.09		.07				.26		.07	.46		.74			1.61			4.18
Laurens	Saluda	.08	.03	.56			T.	.35		T.	.01	T.													1.54		1.27	T.		.30	.34		4.48
Liberty	Savannah	T.		.49			T.			.72			T.		.48		T.								T.			T.		T.			1.69
Little Mountain	Saluda	.50		.65											.30		T.								7.04		.10				.39		8.98
Newberry	Saluda	.57	.11	.62			.45			T.					.08		T.								2.87		.02		1 12		.47		6.31
Pelzer ||||	do		.06	.02	.54			.64			.42	.02				.28												T.	1.04		.22		3.24
Saluda	do	.08	.22	.51			.01	.03		T.					T.					T					.19	.13		.16	T.		.60		1.93
Santuck	Broad	.03	.04	.83			.02	.47		.18					.35		T.	.12						.09	1.78		T.	T.		.04	.48		4.43
Spartanburg ||||	do		T.		.40			.29			.15	T.		T.	.03	.10		T.						.10			.60	.27		.10		2.04
Trenton	Edisto	.48		.58			T			T.					T.	T.		T.	.78	.53				.85			1.65			.52		5.39
Walhalla	Savannah	.05		.65			.21			.22			.07		.09		.06							T.					T.	.09	.38		1.82
Winnsboro ||||	Broad				.91			.15			.15				.22	.12		T.		T.					.54	.31		.68			.78		3.81
Winthrop College	Catawba			1.00		.25		1.50						.20	.30			.80		.65					.40		.35						5.45

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average number of days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.9	107	44	3.53	8				
1888	78.1	102	51	2.73	7				sw.
1889	74.4	99	39	5.10	10				se.
1890	80.9	103	56	2.41	8				sw.
1891	79.3			3.20					
1892	75.1	99	53	5.25					sw.
1893	76.5	96	53	7.64	12	10	11	9	se.
1894	77.0	105	41	3.91	8	13	12	5	sw.
1895	78.2	105	50	3.04	8	13	13	4	sw.
1896	77.9	102	52	5.42	12	11	12	7	sw.
1897	79.2	103	49	5.44	12	10	13	7	sw.
1898	79.7	105	55	4.15	8	17	10	3	sw.
1899	79.4	105	48	3.89	8	14	10	6	sw.
1900	76.2	97	52	7.94	14	4	15	11	sw.
1901	76.7	102	48	6.55	12	9	12	9	sw.
1902	78.5	105	52	4.48	9	15	10	5	sw.
1903	74.2	96	42	8.09	14	11	10	9	sw.
1904	77.0	102	48	4.06	8	18	7	5	sw.
1905	78.9	101	43	1.92	6	6	14	10	e.
1906	78.4	102	52	8.88	12	13	8	9	sw.
1907	75.8	99	50	5.92	10	12	13	5	sw.
1908	76.6	100	48	4.90	9	13	13	4	ne.
1909	79.2	105	58	6.87	12	10	14	6	sw.
1910	75.5	98	46	7.78	13	10	11	9	sw.
1911	80.9	106	54	3.42	8	14	12	4	sw.
1912	75.5	101	48	5.68	9	13	7	10	sw.
1913	76.2	105	40	5.53	12	15	9	6	sw.
1914	81.1	108	50	3.80	8	14	12	4	sw.
1915	76.0	103	49	4.26	9	14	10	6	s.
1916	76.4	100	48	5.12	11	12	11	7	sw.
1917	76.9	102	43	4.49	8	16	10	4	sw.
1918	77.0	106	50	3.44	7	15	9	6	ne.
1919	76.4	101	46	5.97	10	11	9	10	e.
1920	77.4	105	52	3.41	6	19	7	4	s.
1921	79.2	103	50	2.81	6	15	11	4	sw.
1922	78.2	101	52	5.48	11	14	11	5	w.
1923	77.1	101	49	2.31	8	16	9	5	w.
1924	78.7	104	52	5.12	10	13	9	8	sw.
Period	77.6	108	39	4.84	10	13	11	6	sw.

Daily Temperatures for June, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	96	....	....	....	86	89	91	100	101	86	86	90	98	86	89	90	95	98	98	101	104	99	95	96	100	98	97	89	90	90	....	[c]93.7
	Minimum	63	65	64	62	63	61	64	64	73	68	66	63	68	69	65	63	70	73	70	71	71	73	71	72	67	65	70	69	69	75	...	67.6
Charleston	Maximum	84	87	84	78	88	82	86	85	94	83	80	81	88	84	83	86	88	90	97	97	101	91	91	89	92	91	89	91	93	92	....	88.2
	Minimum	69	71	70	66	70	73	74	72	74	72	69	72	73	75	72	76	78	78	78	79	81	81	79	72	72	74	74	78	80	72	....	74.1
Cheraw§§	Maximum	86	85	77	83	89	88	89	94	98	74	73	88	94	83	85	84	89	99	96	100	98	95	91	88	95	91	85	92	93	89	....	89.0
	Minimum	61	66	65	59	62	61	62	67	73	68	61	61	68	68	63	64	70	72	68	73	75	71	70	69	68	72	68	68	63	68	....	66.8
Conway	Maximum	85	87	84	83	89	87	89	91	98	81	80	88	92	82	88	85	89	94	95	102	103	96	89	90	94	93	90	89	92	87	....	89.7
	Minimum	60	67	67	62	64	65	70	66	70	68	60	65	66	67	64	63	63	74	71	73	76	75	68	71	70	70	69	70	75	69	....	67.9
Darlington §§§	Maximum	86	84	84	82	86	90	90	93	97	76	75	85	93	84	87	84	90	95	93	98	100	95	93	92	92	94	88	91	93	88	....	89.3
	Minimum	59	66	66	59	61	60	69	65	70	68	60	64	69	65	63	64	70	73	69	73	77	73	71	69	68	71	68	69	73	69	....	67.4
Fergusnn §§	Maximum	91	84	79	82	87	89	92	93	98	82	77	87	92	90	89	92	91	94	96	99	100	100	95	93	93	93	90	91	90	90	....	90.6
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Florence 1	Maximum	89	86	86	83	89	91	90	96	102	78	77	87	96	87	89	82	92	97	95	100	103	102	95	92	94	95	92	94	95	91	....	91.5
	Minimum	60	66	68	62	64	65	70	63	68	69	63	66	70	68	65	65	70	75	70	75	78	76	71	71	69	73	70	70	74	70	....	68.8
Garnett	Maximum	93	87	86	82	91	87	85	93	99	91	84	88	94	88	....	....	94	99	97	100	103	103	95	98	96	95	94	93	94	94	....	[b]93.0
	Minimum	68	67	....	....	64	68	66	66	71	69	69	68	67	71	....	....	72	72	69	70	78	73	74	71	71	71	71	71	....	....	....	[f]69.9
Georgetown	Maximum	88	88	85	80	93	88	90	90	97	88	78	88	92	85	83	80	80	93	93	100	102	94	92	91	95	94	90	90	92	88	....	89.6
	Minimum	60	74	67	64	64	64	64	71	70	66	61	64	66	66	64	64	73	73	73	72	76	74	71	76	61	70	67	71	74	78	....	68.6
Kingstree	Maximum	87	87	85	84	91	85	92	95	98	89	88	88	93	89	87	86	92	94	97	99	101	98	96	95	93	91	89	98	92	89	....	91.6
	Minimum	61	67	66	62	65	65	70	67	71	68	62	67	67	68	66	64	71	74	70	75	75	70	70	72	70	71	70	70	73	68	....	68.5
Orangeburg 1	Maximum	92	85	79	83	89	89	89	93	98	85	82	88	93	86	85	89	93	95	97	101	104	98	97	93	94	95	89	91	93	90	. .	91.2
	Minimum	64	66	64	61	62	63	67	75	79	71	67	68	68	71	67	66	70	72	70	72	75	73	71	72	71	74	69	69	71	74	....	69.4
Paris Island§§§	Maximum	82	85	84	77	85	81	83	83	89	86	84	83	89	87	88	84	87	88	90	90	95	91	90	90	89	86	89	86	88	88	....	86.6
	Minimum	73	72	69	66	71	73	71	72	72	73	71	70	73	72	73	72	78	76	75	78	78	79	79	71	75	76	74	72	76	71	....	73.4
St. George	Maximum	89	86	83	84	88	86	89	93	98	87	85	89	92	82	89	90	92	96	97	100	103	100	94	96	94	93	89	90	91	90	....	91.2
	Minimum	63	68	66	63	64	66	67	67	72	70	67	67	70	70	67	67	70	70	72	73	73	76	73	70	70	70	70	70	72	74	....	69.2
Society Hill §§§	Maximum	86	86	87	88	93	93	95	98	77	77	87	98	86	91	92	96	100	98	101	103	98	96	98	98	97	90	97	95	92	92	....	92.8
	Minimum	66	66	59	60	61	68	66	74	73	60	62	65	66	63	64	69	71	68	68	....	....	....	....	....	....	....	....	....	....	....	....	[b]65.7
Summerville	Maximum	88	88	82	85	88	88	90	94	99	89	82	88	93	84	89	.	....	....	....	....	....	....	....	....	....	....	....	....	....	100	....	[a]89.2
	Minimum	63	68	67	66	63	66	68	66	71	70	62	69	67	70	67	....	....	....	....	....	....	....	....	....	....	....	....	....	....	71	....	[a]67.1
Wedgefield	Maximum	87	84	82	82	80	88	88	92	98	91	83	88	94	88	86	84	92	92	96	99	100	96	93	93	93	93	87	91	91	88	....	90.6
	Minimum	62	65	64	61	62	64	68	67	73	69	65	68	65	70	68	66	68	72	70	74	76	74	72	71	69	69	67	67	72	68	....	68.2
Yemassee	Maximum	90	87	86	86	91	87	86	94	97	90	84	90	93	88	88	92	94	96	95	99	101	101	96	97	94	95	92	91	92	93	....	92.2
	Minimum	66	66	65	63	62	65	65	64	69	68	68	65	65	68	65	65	71	71	67	74	73	71	71	71	69	69	68	70	69	72	....	67.8
Western Portion.																																	
Aiken	Maximum	87	84	82	81	87	81	87	94	95	91	82	86	92	87	86	91	94	93	98	99	101	98	95	93	93	91	96	89	93	91	....	90.6
	Minimum	64	68	62	58	67	59	67	68	70	67	67	67	69	70	67	69	71	75	72	76	76	76	72	71	71	70	71	69	74	73	....	69.2
Anderson	Maximum	80	76	70	79	83	82	85	87	90	79	75	83	89	87	83	88	90	93	96	98	97	92	95	95	98	93	88	92	88	86	....	87.2
	Minimum	60	62	60	58	58	63	63	67	68	66	64	68	69	68	67	68	69	70	70	70	76	73	72	70	71	67	69	71	73	70	....	67.6
Calhoun Falls§§§	Maximum	86	86	68	83	89	86	89	94	93	86	81	92	93	89	87	94	97	100	101	104	104	99	99	99	102	97	92	99	98	92	....	89.3
	Minimum	61	62	62	56	56	62	62	64	70	64	62	62	65	64	62	66	68	69	69	70	73	72	69	68	69	69	69	68	66	71	68	65.6
Camden §§	Maximum	87	85	78	83	88	90	90	96	93	94	83	90	94	91	87	87	92	96	98	101	103	98	95	89	95	92	94	93	94	87	....	91.4
	Minimum	60	65	64	59	59	60	63	65	71	68	64	65	67	68	65	66	69	72	74	72	73	71	73	72	72	75	68	68	68	69	....	67.5
Chester	Maximum	....	84	73	81	86	89	87	92	94	78	79	86	92	88	85	89	91	96	97	100	101	98	96	94	93	92	85	92	94	87	....	[a]89.6
	Minimum	....	59	58	57	57	63	64	66	72	67	64	64	69	56	66	68	70	72	69	74	75	71	70	69	69	71	69	68	73	69	....	[a]66.9
Clemsnn College	Maximum	79	82	81	79	82	87	86	91	93	92	75	87	87	88	85	88	90	94	96	98	96	89	94	94	96	94	90	92	93	90	....	88.9
	Minimum	55	62	61	57	54	58	63	64	67	64	64	64	68	68	65	66	66	66	71	73	68	68	68	70	67	71	69	68	72	68	....	65.5
Columbia	Maximum	86	84	77	82	89	88	87	94	97	78	80	88	93	86	84	89	89	95	99	102	101	95	97	89	97	94	85	91	92	88	....	89.9
	Minimum	65	66	61	61	64	67	69	68	74	70	66	68	70	66	68	68	71	75	72	77	78	74	73	68	71	69	70	70	74	71	...	69.5
Due West	Maximum	83	81	69	80	84	85	87	90	93	78	78	86	91	86	83	89	91	95	96	99	99	93	96	96	97	93	87	94	94	88	....	88.7
	Minimum	58	64	59	57	58	64	63	68	67	65	64	63	68	65	62	69	70	69	71	73	74	75	71	69	70	68	70	68	71	67	....	66.6
Greenville	Maximum	79	78	67	78	82	85	86	90	89	75	74	82	89	87	81	87	89	94	97	99	94	89	92	91	94	89	87	91	91	88	....	86.5
	Minimum	57	62	59	57	58	66	63	67	65	65	62	64	68	68	67	70	69	69	69	74	76	77	70	67	69	70	68	71	68	69	....	66.8
Greenwond	Maximum	82	76	79	82	81	83	83	88	91	76	76	82	89	86	83	88	89	93	95	98	98	92	93	93	95	90	85	92	93	80	....	87.3
	Minimum	61	63	65	66	60	64	64	66	69	65	69	63	69	70	65	68	70	71	73	75	75	71	70	69	70	70	70	68	71	69	....	68.0
Heath Springs	Maximum	82	80	78	77	85	86	85	95	97	94	90	86	90	89	85	82	87	92	92	96	99	96	93	91	90	89	89	88	90	87	....	88.7
	Minimum	59	64	64	57	59	58	64	65	65	66	62	64	66	66	64	66	68	72	68	76	78	70	69	68	67	70	66	68	72	68	....	66.3
Kershaw	Maximum	85	84	76	81	86	89	89	94	98	82	80	87	94	88	84	88	92	97	97	101	104	97	95	92	93	93	82	91	93	85	....	89.9
	Minimum	58	64	60	57	58	58	66	65	71	62	61	64	67	67	64	66	69	73	68	75	76	70	71	68	67	70	67	67	72	69	....	66.3
Landrum	Maximum	79	81	73	79	83	88	87	91	92	79	75	84	92	89	86	88	90	95	98	98	96	91	90	91	94	91	88	92	95	88	....	88.1
	Minimum	51	51	56	55	54	56	61	59	66	61	60	64	62	64	66	60	64	64	64	70	81	70	66	65	68	68	64	65	73	65	....	63.1
Laurens	Maximum	85	82	73	82	85	89	88	92	94	78	78	87	92	88	86	90	92	96	98	101	101	92	96	95	95	92	88	93	94	88	....	89.7
	Minimum	56	64	60	58	55	60	63	65	72	65	64	63	68	67	65	69	71	69	69	73	73	70	71	68	70	68	69	68	73	69	....	66.5
Liberty	Maximum	80	81	70	80	85	87	89	92	94	79	75	85	90	89	83	99	92	91	98	102	101	93	95	94	98	93	94	94	95	92	....	89.7
	Minimum	54	58	57	53	52	59	60	62	65	62	61	62	65	65	62	66	65	64	65	71	73	66	62	63	65	69	65	69	70	66	....	63.2
Little Mountain	Maximum	85	82	73	78	83	81	86	91	95	78	81	85	92	84	84	86	88	94	96	100	100	94	95	89	91	92	89	89	90	83	....	87.8
	Minimum	60	62	58	55	54	63	65	66	72	65	64	65	67	64	66	67	66	70	69	74	75	72	70	64	68	68	67	67	70	68	....	66.0
Newberry	Maximum	85	82	72	81	87	88	90	93	95	80	83	88	93	88	87	92	95	98	101	103	103	97	99	93	98	96	83	91	93	88	....	90.7
	Minimum	58	64	60	58	58	62	64	62	73	66	65	63	67	66	66	69	69	73	71	75	74	71	71	68	71	73	70	68	70	69	....	67.1
Saluda	Maximum	87	84	79	82	88	87	90	95	96	83	84	89	94	90	87	94	95	99	101	102	104	97	99	97	100	99	85	93	96	92	....	92.3
	Minimum	57	65	61	58	59	60	66	65	71	65	67	65	65	71	65	70	69	70	70	72	72	71	70	70	71	73	70	67	73	69	....	67.2
Santuck	Maximum	85	85	74	82	86	90	88	93	97	78	81	86	95	87	86	90	91	98	99	102	103	94	98	92	96	93	87	93	95	90	....	90.5
	Minimum	53	65	60	55	54	58	65	63	70	66	65	62	65	67	62	70	71	71	70	72	73	69	69	68	70	71	68	66	73	70	....	66.0
Spartanburg	Maximum	84	84	66	82	85	90	88	93	94	74	79	81	91	90	85	92	93	97	98	101	101	97	96	95	99	96	92	94	97	92	....	90.2
	Minimum	56	62	61	57	56	58	65	65	69	65	62	62	66	69	65	68	69	69	67	72	75	71	67	69	69	72	68	68	78	68	....	66.3
Trenton	Maximum	88	83	74	82	88	78	88	95	97	85	84	89	93	87	89	93	94	100	97	100	102	98	97	96	96	96	87	91	93	90	....	91.0
	Minimum	63	65	61	59	62	64	64	66	73	66	66	67	69	70	67	69	71	68	67	74	74	74	72	72	70	72	66	69	70	71	....	68.0
Walhalla	Maximum	79	80	78	82	83	87	89	92	93	84	73	85	89	90	84	92	98	97	98	102	102	93	96	95	99	95	93	96	93	89	....	90.0
	Minimum	54	58	59	52	52	58	63	62	66	63	64	65	65	66	66	65	66	66	65	66	70	73	68	74	70	66	68	67	66	67	....	64.3
Winnsboro §§§	Maximum	....	....	73	81	87	88	90	94	98	81	82	89	95	89	87	92	93	98	98	103	104	97	100	92	97	95	84	93	95	88	....	[b]91.5
	Minimum	....	....	56	58	58	65	65	67	68	66	65	64	66	68	65	66	68	71	69	74	78	72	71	70	69	72	69	68	70	69	....	[b]67.4
Winthrop College	Maximum	82	86	75	77	86	89	90	94	96	80	80	86	93	87	84	90	93	98	99	104	102	93	95	92	95	93	87	90	94	89	....	90.0
	Minimum	60	62	59	60	57	64	64	67	71	65	64	67	69	66	64	68	65	72	66	74	75	69	70	69	69	71	69	68	73	68	....	66.8

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

551.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN. Meteorologist.

VOL. XXVII. COLUMBIA. S. C., JULY, 1924. No. 7.

GENERAL SUMMARY.

Temperatures ranged somewhat below normal, with pleasant weather during the first and last parts of the month. Precipitation was much above the average and was very badly distributed, with decidedly excessive rainfall in the northern coastal region and deficient amounts in sections of the Piedmont.

The wet weather during the first half of the month prevented much needed cultivation against accumulating grass, but there was general improvement in crop growth. Cotton was rather rank at the expense of fruit, but fruitage improved with better weather during the last half of the month. The first open boll was picked in Richland County on July 29; weevil ravages had not become serious, but the pest showed increased activity in the wet regions of the central and eastern counties. Early corn was maturing at the close of the month, and the intermediate and late crops were in generally good to excellent condition. Tobacco suffered from too much rain in some sections, and sun scald in others; the general condition was fair; curing began early in the month. Sweet potatoes and peanuts made good growth, and some early sweet potatoes were being harvested at the end of the month. Peaches, watermelons, cantaloupes, apples, and vetables of all kinds were plentiful, and outstanding crops were generally clear of grass at the close of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.02 inches. The highest pressure was 30.22 inches at Wilmington, N. C., on the 7th, and in the Section proper, 30.19 inches at Charleston and Due West on the same date; the lowest pressure was 29.70 inches at Columbia on the 25th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 78.6°, or 1.1° below normal. The highest temperature was 103° at Garnett on the 23d. Temperatures were near or above normal from the 12th to the 25th. The lowest temperature was 56° at Walhalla on the 26th. The cool periods were from the 1st to the 8th and from the 26th to the 29th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 85%; noon, 64%; 8 p. m., 77%. The highest percentages occurred along the coast, and the lowest, over the northern and northwestern counties.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 6.93 inches, or 0.97 inch above normal. There were but two days without rain in some part of the Section, but the showers were lighter and more scattered during the last half of the month. Precipitation was very badly distributed in area and amounts, with 6 to over 17 inches in practically the entire coastal plain and in considerable areas of the Piedmont, while in relatively small areas of the northwestern counties the amounts ranged downward from 5 inches to less than 3 inches (Fairfield County). The greatest local monthly amount was 17.03 inches at Georgetown; least local monthly amount, 2.76 inches at Winnsboro. The greatest amount during any 24 hours was 4.10 inches at Georgetown on the 3d. The average number of rainy days was 9% above normal.

Death by Lightning.—Mr. C. P. Shaver, Summerton, S. C., afternoon of 23d.

Moderate hail damage was reported from Landrum on the 4th, and light hail occurred at Columbia on the 24th.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 6.0 miles. The highest average velocity was 8.7 miles per hour at Charleston, S. C., and Savannah, Ga.; the lowest average was 3.5 miles per hour at Charlotte, N. C., and in the Section proper, 4.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 39 miles per hour from the north at Greenville on the 17th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 278.2 hours, or 63% of the possible amount. The average number of clear days was 14; partly cloudy, 9, and cloudy, 8, as against normals of 12, 12, and 7 days, respectfully.

RIVER CONDITIONS.

Freshet conditions prevailed in the upper streams of the Santee River District between the 7th and 12th. The Santee River was near or above flood stages at Rimini or Ferguson from the 1st to the 28th. The flood losses approximated $2,413, and the value of movable property saved by flood warnings was estimated at $24,500. The Pee Dee River was in flood at Mars Bluff from the 11th to the 15th, inclusive. The Black River was near or above flood stage at Kingstree from the 2d to the 15th. The Waccamaw River was in flood at Conway from the 7th to the 27th, inclusive. The flood losses approximated $37,500, but the value of movable property saved by warnings could not be estimated.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 11, 12, 14; Greenville, 12.

MISCELLANEOUS DATA FOR JULY, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.03	71.0	87	56	5.70	1.60	5.5	se.	92	61	75	49
Augusta, Ga.....	30.01	81.0	100	65	5.57	2.24	4.3	s.	82	61	73	64
Charleston, S. C...	30.02	81.2	95	68	6.59	1.38	8.7	sw.	86	78	87	69
Charlotte, N. C ...	30.02	77.0	96	60	3.01	0.95	3.5	ne.	80	59	71	63
Columbia, S. C....	30.02	80.0	98	65	6.00	1.93	4.9	ne.	90	66	78	67
Due West, S. C....	30.04	77.7	96	61	5.29	1.20	6.1	nw.	84	59	....	63
Greenville, S. C...	30.01	76.5	93	60	5.46	1.29	6.2	e.	82	62	75	64
Savannah, Ga.....	30.02	81.2	100	68	8.09	1.45	8.7	sw.	84	65	79	64
Wilmington, N. C.	30.04	77.9	95	62	13.82	5.68	6.1	sw.	83	67	80	66
Means and extremes	30.02	78.2	100	56	6.67	5.68	6.0	sw.	85	64	77	63

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Climatological Data for July, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	80.0	−1.5	100	23	62	3	31	8.20	+2.67	1.50	0	12	13	9	9	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	81.2	−0.2	95	31	68	3	20	6.59	−0.67	1.38	0	16	7	12	12	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	78.4	−1.5	98	†25	59	29	39	5.60	−0.54	1.68	0	10	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	34	79.7	−0.1	97	31	60	29	33	7.92	+1.11	1.72	0	17	9	8	14	sw.	Paul Quattlebaum.
Darlington††	Darlington	175	29	[a]78.4	−1.5	[a]97	†23	[a]59	29	[a]31	6.38	+0.82	1.64	0	14	5	13	13	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	8.66	+2.90	2.75	0	11	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	38	[a]80.3	+0.9	98	23	[a]59	29	[a]32	8.46	+1.82	3.02	0	13	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	42	80.8	−0.4	100	†23	62	29	35	5.13	−0.72	2.50	0	11	24	0	7	w.	H. K. Gilbert.
Florence 2	.....do	136	9	.....	.....	.....	.....	.....	.....	.....	5.14	−0.71	1.90	0	13	15	7	9	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	81.2	.....	103	23	64	†29	35	7.57	.....	1.49	0	15	12	9	10	sw.	Maner B. Robert.
Georgetown	Georgetown	18	31	79.2	−1.3	98	31	59	29	32	17.03	+9.63	4.10	0	13	14	12	5	.....	A. P. Hazard.
Kingstree	Williamsburg	54	42	80.0	−0.6	96	24	60	29	33	11.04	+4.52	2.45	0	15	16	9	6	w.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	7.63	.....	1.68	0	9	.....	.....	.....	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	8	79.6	.....	98	31	61	29	35	7.88	.....	1.80	0	12	19	7	5	w.	U.S. Fisheries Station.
Orangeburg 2	.....do	264	4	.....	.....	.....	.....	.....	.....	.....	6.48	.....	2.30	0	12	22	2	7	w.	State A. and M. College.
Paris Island	Beaufort	13	43	80.3	−1.1	94	17	68	6	22	5.89	−0.27	2.18	0	11	1	8	22	s.	U.S.Naval Aerological Sta.
Pinopolis**	Berkeley	54	77	76.6	−1.4	91	15	66	28	.. ..	10.73	+4.11	3.80	0	15	.....	.....	.....	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.. ....	.....	.....	.....	.....	.....	7.05	−1.33	1.85	0	9	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	80.2	−0.6	101	23	61	29	30	7.98	+1.47	1.52	0	12	8	11	12	.....	R. L. Utsey.
Society Hill	Darlington	192	33	.....	.....	[d]101	22	.....	.....	.....	7.03	+0 60	2.30	0	12	16	1	14	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	79.7	0.0	97	23	61	† 1	33	10.37	+3.71	2.13	0	17	15	10	6	sw.	E. P. Lawton.
Wedgefield	Sumter	249	34	79.0	−0.2	98	23	61	28	29	7.81	+2.79	2.35	0	10	21	2	8	w.	W Hampton Ramsey.
Yemassee	Hampton	24	35	80.0	−0.8	99	23	60	29	33	9.04	+2.18	1.76	0	15	20	0	11	se.	W. C. Hutson.
Division means and	extremes	.....	....	79.6	−0.8	103	23	59	29	39	8.07	+1.75	4.10	0	13	14	7	10	sw.	
Western Portion.																				
Aiken	Aiken	527	62	79.7	−0.4	98	†23	61	28	30	6.93	+2.09	1.99	0	9	20	2	9	ne.	Frank B. McCoy.
Anderson	Anderson	764	31	77.8	−1.8	95	†23	62	4	30	4.53	−0.51	1.37	0	11	19	1	11	w.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	3.17	−2.17	1.15	0	9	.....	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	79.0	.....	100	24	60	4	32	8.40	+2.88	1.76	0	14	14	4	13	w.	L. M. Parker.
Camden	Kershaw	222	74	79.9	−0.1	97	23	61	29	32	5.60	+0.37	1.20	0	16	24	0	7	w.	Henry A. Brawn.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	3.87	−2.61	1.75	0	9	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	8.92	+3.61	2.25	0	13	.....	.....	.....	.....	George V. Champ.
Chester	Chester	487	2	78.4	.....	98	31	60	3	34	7.29	.....	1.50	0	11	9	16	6	ne.	J. C. Cornwell.
Clemson College	Oconee	850	32	77.1	−0.6	95	†17	59	27	32	3.85	−1 42	0.90	0	8	12	12	7	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	79.6	−1.3	98	25	65	3	26	6.00	−0.06	1.93	0	19	10	12	9	ne.	U S. Weather Bureau.
Due West	Abbeville	711	10	77.7	−1.4	96	23	61	4	29	5.29	+0.48	2.20	0	10	8	14	9	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	6.14	+0.74	1.39	0	9	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	7.79	+3.09	1.85	0	12	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	76.5	−0.4	93	22	60	4	25	5.95	+0.38	1.29	0	16	10	12	9	n.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	76.6	−3.0	94	25	61	28	28	8.72	+3.45	4.00	0	13	15	0	16	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	77.6	−1.8	96	31	60	†28	31	7.80	+2.91	3.60	0	12	10	6	15	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	77.4	.....	97	31	59	29	35	7.10	.....	3.23	0	10	14	3	14	e.	John W. Hamel.
Landrum	Spartanburg	1063	9	75.5	.....	95	22	59	28	30	10.52	.....	2.62	0	13	14	11	6	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	77.9	.....	97	†23	60	28	34	7.50	.....	1.25	0	14	14	14	3	se.	L. G. Roff.
Liberty	Pickens	900	24	76.6	−2.4	96	†22	58	26	34	7.30	+1.54	1.48	0	12	18	7	6	w	O. F. Boggs.
Little Mountain	Newberry	711	31	76.4	−3.9	97	23	60	† 3	33	4.22	−0.66	1.40	0	9	14	8	9	s.	Miss Alberta Sease.
Newberry	Newberry	502	20	78.9	−1.8	99	23	61	28	33	3.93	−1.22	0.75	0	12	13	10	8	w.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	3.62	−2.37	0.64	0	12	....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	79.1	−0.9	99	23	60	28	33	8.85	+3.76	1.84	0	16	10	16	5	s.	W. S. Crout.
Santuck	Union	512	31	78.6	−1.0	99	31	58	28	38	7.18	+2.07	1.95	0	12	11	14	6	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	77.2	−1.9	97	22	61	4	30	8.39	+3.70	2.87	0	16	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	31	79.8	−0.4	99	†25	63	† 3	32	3.66	−1.82	1.20	0	9	19	5	7	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	77.1	+0.1	99	†22	56	26	37	3.33	−3.09	1.08	0	9	19	10	2	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	[c]78.6	−1.0	[c]98	31	[c]58	† 4	[c]31	2.76	−2.15	0.94	0	10	14	12	5	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	24	77.9	−1.2	98	30	58	8	35	3.10	−2.46	0.90	0	6	13	12	6	sw.	W. T. Clawson.
Division means and	extremes	.....	....	77.9	−1.4	100	24	56	26	38	6.06	+0.71	4.00	0	12	14	9	8	w.	
Section means and	extremes	.....	....	78.6	−1.1	103	23	56	26	39	6.93	+0.97	4.10	0	12	14	9	8	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.
T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

JUNE, 1924.—Due West, minimum temperature, 15th, page 26, should be 65. Mean temperature, pages 23 and 24, should be 77.8.

Daily Precipitation for July, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ||||	Edisto	....	1.50	....	....	.30	....	1.10	1.05	.30	....	....	.65	.. ..	.20	....	....	....	....	....	1.00	.10	.45	....	1.20	....	.35	....	....	....	....	....	8.20
Charleston ***	Coast	.34	.02	....	1.12	.32	.79	.60	.13	T.	T.	1.19	.04	....	.11	....	1.38	....	....	....	.11	.16	....	.02	....	.25	.01	....	..	....	....	....	6.59
Cheraw |||	Pee Dee	.16	.27	....	....	T.	....	.38	1.68	.81	.39	.18	....	....	.82	....	....	....	....	....	.77	....	T	....	....	....	.14	....	....	....	....	....	5.60
Conway |||	Waccamaw	.17	1.72	.18	....	.98	.20	.69	....	1.33	....	.22	.20	.62	.03	....	....	.05	....	....	.07	T.	.20	.29	.12	....	.85	....	....	....	....	....	7.92
Darlington |||	Pee Dee	1.64	.90	....	....	.27	.03	.68	.52	.04	.20	.20	T.	....	.20	....	....	....	....	.80	.50	....	....	....	.05	....	.35	....	....	....	....	....	6.38
Effingham |||	Lynches	2.02	2.75	.23	....	.60	....	.35	.40	T.	.36	.05	....	....	....	....	....	....	....	.10	.62	....	....	....	....	....	1.18	....	....	....	....	....	8.66
Ferguson |||	Santee	.55	3.02	.42	....	.90	.02	.86	.68	.06	.11	.03	.30	T.	T.	....	....	....	....	T.	T.	....	.68	....	T.	....	.83	....	....	....	....	....	8.46
Florence 1 |||	Pee Dee	....	2.50	.15	....	.60	....	....	.58	.05	....	.05	....	....	.10	....	....	.05	....	.30	.70	....	....	....	....	....	.10	....	....	....	....	....	5.13
Florence 2 |||	do	.55	1.90	.06	....	.50	....	.15	.30	T	.32	.32	....	T.	.12	....	....	.15	....	.71	....	....	T.	....	.01	....	.05	....	....	....	....	....	5.14
Garnett	Savannah	.75	.35	....	1.35	.72	.16	....	1.18	.24	....	.75	.02	....	.45	....	.05	....	....	.02	T.	.02	....	....	1.49	....	.02	....	....	....	....	....	7.57
Georgetown	Coast	1.31	1.38	4.10	T.	.75	....	T.	1.65	T.	....	1.05	.30	....	....	....	1.57	....	....	.25	2.10	.25	1.08	.78	....	....	.46	....	....	....	....	....	17.03
Kingstree |||	Black	1.40	2.20	.65	....	2.45	.02	1.76	.07	T.	.07	.10	.20	....	....	....	....	.35	....	....	.25	....	....	....	.46	.26	.80	....	....	....	....	....	11.04
Mars Bluff	Pee Dee	1.03	1.68	....	....	.55	....	1.00	....	.82	....	.25	....	....	....	....	....	1.45	....	....	.50	....	....	....	....	....	.35	....	....	....	....	....	7.63
Orangeburg 1	Edisto	.30	.74	T.	T.	1.12	.05	1.80	.45	.08	....	1.35	1.30	....	....	....	....	....	T.	.24	.33	....	....	....	T.	....	.12	....	....	....	....	....	7.88
Orangeburg 2	do	.90	....	....	1.08	.02	.36	.02	....	....	2.30	.95	....	....	.15	....	....	....	.15	.25	....	....	....	.10	....	.20	....	....	....	....	....	....	6.48
Paris Island	Coast	.75	T.	....	1.07	.42	1.23	.09	.04	....	....	2.16	.02	....	....	....	.02	....	....	....	.03	....	.06	....	T.	....	....	....	....	....	....	....	5.89
Pinopolis	Cooper	.60	.15	.10	1.73	.20	.70	.05	.05	....	....	3.80	.05	....	....	....	.40	....	.40	....	.60	....	.90	....	1.00	....	....	....	....	....	....	....	10.73
Rimini |||	Santee	....	1.60	....	....	1.15	....	1.85	.54	.30	....	.36	.30	....	....	....	....	....	....	....	.10	....	....	....	....	....	.85	....	....	....	....	....	7.05
St. George	Edisto	.40	.97	....	....	1.12	.25	1.52	.12	.03	T.	....	.92	.82	....	....	....	....	....	T.	....	....	....	....	.25	.33	1.25	....	....	....	....	....	7.98
Society Hill |||	Pee Dee	.60	....	....	.09	.05	2.30	1.29	02	.45	....	....	....	....	....	.56	....	....	.88	.02	....	....	....	....	.10	.67	....	....	....	....	....	....	7.03
Summerville	Ashley	.88	.05	....	1.74	.21	.15	.52	.69	.13	....	.92	.09	....	....	....	.67	....	....	.04	....	2.13	.03	1.92	.03	....	.17	....	....	....	....	....	10.37
Wedgefield	Wateree	1.30	....	....	.13	T.	.60	2.35	.50	....	....	.35	....	.05	....	....	....	....	....	.30	....	....	....	.90	....	1.33	....	....	....	....	....	....	7.81
Yemassee |||	Ashepoo	....	1.55	.03	....	.07	.56	.84	....	.73	.02	....	.20	.75	.76	....	.95	1.76	....	....	....	.32	.43	....	....	.07	....	....	....	....	....	....	9.04
Western Portion.																																	
Aiken	Edisto	.33	1.99	....	1.33	....	....	1.77	.09	....	....	.15	....	.05	....	....	....	....	.05	1.17	....	....	....	....	....	....	....	....	....	....	....	....	6.93
Anderson	Savannah	....	....	.20	.13	....	.89	.20	.65	....	....	1.37	....	....	....	.03	.52	....	....	.08	....	.10	....	.36	....	....	....	....	....	....	....	....	4.53
Blairs |||	Broad	.24	.38	....	....	....	....	1.15	.12	.17	....	.26	....	....	.09	....	....	....	....	.32	....	....	....	.44	....	....	....	....	....	....	....	....	3.17
Calhoun Falls |||	Savannah	.55	.28	....	1.30	.32	.28	.29	1.76	.75	....	.22	.75	....	.07	T.	T.	....	....	....	.75	.05	1.03	....	....	....	....	....	....	....	....	....	8.40
Camden |||	Wateree	.60	.48	....	....	.22	.15	1.20	.82	.15	.02	.46	....	....	.18	....	....	....	.02	.40	.15	....	.15	....	....	.45	.15	....	....	....	....	....	5.60
Catawba |||	Catawba	.52	.24	....	....	....	....	1.75	.05	....	....	.32	....	....	....	.30	....	....	....	.16	.23	....	....	.30	....	....	....	....	....	....	....	....	3.87
Chappells |||	Saluda	1.68	.53	....	..	.07	....	2.25	1.99	.70	....	.16	..	....	.32	..	....	....	.41	....	.53	....	.15	....	.03	....	.10	....	....	....	....	....	8.92
Chester	Broad	....	1.30	....	....	1.50	1.00	.35	.25	....	.35	.41	....	1.30	....	.21	..	....	....	....	.42	....	....	.20	....	T.	....	....	....	....	....	....	7.29
Clemson College	Savannah	....	....	T.	.90	T.	.70	*	.60	....	T.	....	T	.10	....	....	....	....	....	*	1.00	....	....	.49	.06	....	....	....	....	....	....	....	3.85
Columbia ***	Congaree	.35	.05	....	.36	.03	.42	1.03	1.85	.04	.17	.32	....	.05	....	....	.02	.03	....	.62	....	.16	....	.01	.10	.36	....	....	....	....	....	.03	6.00
Due West***	Savannah	.19	....	....	1.19	T.	.70	.54	1.74	....	.34	....	....	T.	T.	....	....	....	T.	.51	.03	.04	....	.01	....	....	....	....	....	....	....	T.	5.29
Edgefield |||	Savannah	....	1.11	....	.16	....	....	.73	1.11	....	....	1.39	....	....	.43	....	....	....	.08	....	.92	....	....	....	....	....	.21	....	....	....	....	....	6.14
Gaston Shoals |||	Broad	1.35	....	1.83	.65	.58	....	1.85	.80	.16	....	.10	....	....	....	.30	....	....	....	....	....	....	.05	....	.10	.02	....	....	....	....	....	....	7.79
Greenville ***	Saluda	T.	.65	.46	.76	.03	.65	.57	.80	.04	.20	.02	T.	.16	T.	.15	....	.15	....	1.22	.03	T.	....	.06	....	T.	....	....	....	....	....	T	5.95
Greenwood |||	do	.25	.27	....	1.04	.11	.29	.35	4.00	1.13	....	....	....	....	.27	....	.56	....	....	....	.24	....	....	....	.11	....	.10	....	....	....	....	....	8.72
Heath Springs	Wateree	.42	....	....	.10	....	.25	1.48	.22	....	.50	3.60	.10	.02	....	....	....	....	....	.84	....	....	....	.15	....	.12	....	....	....	....	....	....	7.80
Kershaw |||	Lynches	.32	.23	....	....	.06	....	.29	3.23	.13	....	1.98	....	....	....	.02	....	....	....	.81	.03	....	....	....	....	....	....	....	....	....	....	....	7.10
Landrum	Broad	....	....	.82	2.16	....	.76	.12	2.62	.06	.52	....	....	1.09	....	.42	....	....	.26	....	.46	....	....	.17	....	1.06	....	....	....	....	....	....	10.52
Laurens	Saluda	.17	....	....	1.25	.20	.45	1.07	1.16	....	.51	.22	....	.77	....	....	.47	....	.51	.21	.04	....	....	.47	....	....	....	....	....	....	....	....	7.50
Liberty	Savannah	....	1.40	....	.68	....	1.48	.50	.82	....	....	....	.50	.15	.. .	....	.21	....	....	.25	.30	.77	....	.24	....	T.	....	....	....	T.	....	....	7.30
Little Mountain	Saluda	.49	....	....	T.	....	1.14	.10	.18	....	.26	....	....	....	....	....	....	1.40	....	.10	....	....	....	....	....	.50	....	....	....	....	....	.05	4.22
Newberry	Saluda	.54	....	....	....	T.	.75	.43	.16	....	.17	.23	....	.15	....	....	.03	....	.75	.35	....	....	....	.30	....	.07	....	....	....	....	....	T.	3.93
Pelzer |||	do	.02	....	.24	.34	....	....	.48	.64	.20	....	.44	.22	.02	....	....	....	....	....	....	.60	.20	....	....	.22	....	....	....	....	....	....	....	3.62
Saluda	do	1.06	.01	....	....	.12	.40	.31	1.45	....	1.84	1.00	....	.39	....	....	.03	....	.32	.64	....	.01	....	1.03	....	.23	....	....	....	....	....	.01	8.85
Suntuck	Broad	1.52	....	....	1.00	.01	1.95	.17	.07	....	.47	.64	....	.04	....	....	....	.06	....	T.	....	....	....	.69	....	.56	....	....	....	....	....	T.	7.18
Spartanburg |||	do	....	T	1.60	.40	.15	.02	1 00	2.87	.22	.. ..	.85	.02	T.	.27	.16	....	....	T.	....	T.	T	.22	T.	.29	.07	.22	....	....	....	.03	...	8.39
Trenton	Edisto	.71	.20	....	.56	....	.43	.06	.16	....	....	1.20	T.	.08	....	....	T.	....	.26	....	....	....	....	T.	....	T.	....	....	....	....	....	....	3.66
Walhalla	Savannah	....	....	.74	1.08	....	.31	.50	....	.05	....	T.	.05	.35	....	....	....	....	.10	....	....	....	....	.15	....	....	....	....	....	....	....	....	3.33
Winnsboro |||	Broad	....	....	....	.91	....	....	.15	....	....	.15	....	....	....	.10	....	....	....	....	.16	.06	.50	....	.21	....	.45	....	.07	....	....	....	....	....	2.76
Winthrop College	Catawba	.90	....	....	....	....	.25	.75	....	....	....	.40	....	....	....	....	....	....	....	.40	....	.40	....	....	....	....	....	....	....	....	....	....	....	3.10

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JULY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	82.0	110	60	7.49	14	.....	.....	.....	.....
1888	78.9	108	53	3.68	8	.....	.....	.....	sw.
1889	79.5	102	51	7.13	13	.....	.....	.....	sw.
1890	78.4	104	52	6.88	12	.....	.....	.....	sw.
1891	77.9	93	56	5.95	.....	.....	.....	.....	sw.
1892	78.9	102	51	7.44	.....	.....	.....	.....	sw.
1893	82.0	104	60	3.87	9	13	14	4	sw.
1894	77.7	100	55	8.24	16	8	12	11	sw.
1895	79.5	102	54	4.17	8	10	15	6	sw.
1896	80.7	105	51	8.17	13	10	13	8	sw.
1897	80.2	107	54	5.01	11	13	12	6	sw.
1898	80.0	102	54	7.81	14	10	10	11	sw.
1899	80.0	105	47	4.03	9	12	11	8	sw.
1900	81.2	104	55	4.08	9	14	11	6	sw.
1901	81.4	102	62	4.52	10	12	12	7	sw.
1902	80.8	107	58	3.79	9	15	11	5	sw.
1903	80.4	103	45	3.59	8	18	9	4	sw.
1904	79.4	105	50	5.96	12	13	12	6	sw.
1905	80.4	101	60	6.16	12	13	10	8	sw.
1906	78.4	100	56	8.40	16	5	17	9	sw.
1907	81.4	106	56	5.06	11	13	13	5	sw.
1908	79.8	100	60	5.43	12	12	13	6	s.
1909	78.6	104	55	4.92	10	13	12	6	sw.
1910	79.4	102	58	5.83	13	9	15	7	sw.
1911	79.8	102	53	3.79	10	12	13	6	sw.
1912	79.6	102	58	5.22	11	14	10	7	sw.
1913	81.9	109	56	4.78	9	15	9	7	sw.
1914	80.0	107	53	5.16	9	14	13	4	sw.
1915	80.9	106	55	3.26	8	18	10	3	sw.
1916	77.8	99	60	14.69	17	5	12	14	sw.
1917	79.9	102	52	6.56	12	14	9	8	sw.
1918	77.5	103	50	5.02	11	15	9	7	sw.
1919	79.3	103	51	8.86	13	13	8	10	s.
1920	78.9	102	53	5.60	11	13	10	8	sw.
1921	79.6	101	60	7.44	14	9	13	9	e.
1922	79.9	101	58	7.20	13	12	13	6	sw.
1923	79.0	104	57	4.50	9	15	8	8	sw.
1924	78.6	103	56	6.93	12	14	9	8	w.
Period	79.7	110	45	5.96	11	12	12	7	sw

Daily Temperatures for July, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	80	76	84	79	80	85	82	85	84	91	85	89	90	94	94	92	96	94	90	94	95	96	100	97	98	89	87	89	91	95	99	89.7
	Minimum	70	66	62	67	70	70	69	71	70	69	74	68	67	71	72	74	73	71	75	74	74	72	74	72	74	71	66	65	64	68	72	70.2
Charleston	Maximum	87	79	81	84	83	81	83	85	87	88	87	83	92	91	93	90	95	87	84	89	90	91	95	89	94	88	86	89	89	88	95	87.8
	Minimum	72	71	68	72	74	74	74	78	76	76	71	73	75	78	80	77	76	77	76	75	75	79	76	76	74	74	74	73	70	72	75	74.7
Cheraw§§	Maximum	75	77	81	79	78	81	84	86	89	91	84	89	89	90	90	91	95	89	82	90	94	96	96	90	98	88	88	88	94	98	98	88.3
	Minimum	71	64	62	63	68	69	70	69	70	71	70	69	72	71	72	71	70	69	68	71	72	70	73	72	72	68	62	61	59	66	71	68.6
Conway	Maximum	85	77	83	76	85	84	85	83	88	90	82	87	89	93	94	90	95	89	84	94	94	93	95	92	96	89	88	86	92	93	97	88.6
	Minimum	69	66	65	67	69	71	71	71	70	72	70	68	72	75	76	73	74	72	70	76	73	75	75	73	77	71	69	68	60	68	70	70.8
Darlington §§	Maximum	79	75	80	77	83	79	86	86	90	90	83	89	89	90	90	92	94	86	83	91	91	94	97	93	97	....	86	87	90	92	94	[a]87.8
	Minimum	70	64	62	64	69	70	70	70	70	71	70	68	72	71	75	71	72	70	69	70	72	71	74	71	72	66	....	63	59	65	71	[a]69.1
Ferguson §§	Maximum	86	94	84	83	89	87	88	86	91	90	85	90	91	92	92	95	94	90	91	94	95	95	98	94	95	87	86	86	90	95	90	90.4
	Minimum	.....	.....	.....	.....	.....	.....	.....	66	70	71	71	68	72	72	74	73	73	72	72	71	72	73	74	72	72	71	70	67	59	63	69	[a]70.3
Florence 1	Maximum	82	74	84	84	83	82	88	89	93	94	87	92	91	93	93	96	97	91	83	94	95	98	100	97	100	88	91	89	95	97	100	91.0
	Minimum	72	65	63	66	69	72	70	71	71	73	73	68	72	73	77	73	73	72	71	72	74	74	76	73	73	70	71	65	62	67	70	70.7
Garnett	Maximum	90	80	86	88	81	89	87	91	89	91	85	88	93	95	98	96	98	94	93	97	98	98	103	92	98	90	89	90	92	95	99	92.0
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75	72	74	71	73	72	73	72	69	69	64	64	68	70.5
Georgetown	Maximum	88	75	82	85	85	84	86	85	89	90	87	89	90	94	98	94	94	89	84	86	90	94	85	92	95	90	90	89	93	91	98	89.1
	Minimum	68	65	63	68	67	71	68	69	68	71	68	65	72	73	75	70	70	71	70	70	69	73	73	72	76	69	68	67	69	59	69	69.2
Kingstree	Maximum	85	78	84	81	84	79	85	84	89	95	88	88	88	93	92	93	94	91	88	92	94	95	95	96	94	90	88	88	91	93	95	89.4
	Minimum	71	66	64	67	71	72	70	72	71	73	73	68	71	74	76	73	73	73	72	73	74	74	74	72	73	71	68	67	60	65	69	70.6
Orangeburg 1	Maximum	84	75	81	81	82	83	84	86	90	90	87	89	90	91	91	94	94	89	89	93	95	95	97	95	97	86	87	88	90	93	98	89.2
	Minimum	70	67	63	66	70	70	69	72	70	71	70	72	70	72	73	73	72	75	73	75	72	72	75	73	73	73	66	66	61	63	66	70.1
Paris Island§§	Maximum	83	78	80	81	85	81	83	83	86	84	84	81	87	93	93	86	94	87	84	86	90	91	93	89	93	87	83	89	89	87	93	86.5
	Minimum	70	71	70	71	72	68	73	76	77	72	70	73	72	75	77	77	75	77	78	78	78	80	73	76	79	76	73	72	72	71	74	74.1
St. George	Maximum	85	84	84	84	85	85	86	84	89	90	78	86	89	93	95	91	95	92	93	95	97	95	101	95	95	89	89	88	91	92	95	90.0
	Minimum	71	67	65	68	70	70	70	72	70	71	72	68	69	73	75	75	73	73	73	72	73	72	74	74	73	72	68	68	61	64	68	70.5
Society Hill §§	Maximum	82	84	80	85	84	92	92	96	....	92	91	91	93	93	94	98	88	88	91	....	100	101	98	100	88	87	89	94	98	....	....	[d]91.4
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Summerville	Maximum	89	76	84	86	86	85	88	89	90	90	81	87	91	94	95	94	94	92	91	94	93	94	97	93	94	89	89	89	91	93	96	90.1
	Minimum	61	68	64	68	70	71	71	71	70	71	63	67	70	73	75	75	71	73	71	72	67	72	71	72	73	71	68	68	61	63	68	69.3
Wedgefield	Maximum	78	76	83	76	82	82	85	82	90	89	81	89	89	91	92	94	94	90	81	93	94	94	98	94	94	87	85	88	89	91	91	87.8
	Minimum	68	65	62	66	67	72	68	71	69	71	71	69	79	72	74	72	72	75	73	73	74	73	74	72	74	69	68	61	62	68	70	70.1
Yemassee	Maximum	88	81	86	85	83	87	89	90	89	91	86	86	91	95	96	94	96	93	90	97	95	95	99	95	97	91	89	89	92	92	95	91.0
	Minimum	69	68	63	68	70	67	69	72	68	66	70	66	68	71	73	72	72	72	73	74	71	71	71	72	72	70	68	69	60	62	66	69.1
Western Portion.																																	
Aiken	Maximum	82	79	81	82	82	88	85	83	88	87	83	88	88	91	92	93	93	90	93	93	92	93	98	96	98	91	88	88	91	94	98	99.3
	Minimum	69	65	65	68	70	70	69	69	69	69	70	63	71	70	72	73	72	75	73	73	75	74	77	76	76	71	69	61	64	70	71	70.1
Anderson	Maximum	74	80	79	78	79	78	80	83	86	87	83	84	87	90	90	90	94	88	90	92	92	93	95	92	93	85	85	86	91	95	95	86.9
	Minimum	67	65	63	62	69	68	69	67	69	69	69	68	68	70	70	70	70	72	70	73	71	72	73	74	70	73	65	65	65	67	65	68.6
Calhoun Falls §§	Maximum	92	82	83	82	82	80	83	87	91	91	88	90	87	94	94	96	98	93	97	97	97	98	100	97	99	94	94	94	96	98	97	92.0
	Minimum	64	62	62	60	61	65	65	68	68	65	68	67	68	66	67	67	67	68	70	68	70	70	72	68	67	64	64	64	65	66	66	61.1
Camden §§	Maximum	77	83	87	80	84	86	83	86	92	90	89	91	91	94	92	94	95	93	93	94	92	96	97	93	91	90	91	87	93	95	98	90.2
	Minimum	69	64	63	66	69	71	69	69	70	68	68	69	70	72	74	70	70	70	73	73	74	73	74	75	74	71	70	64	61	63	73	69.6
Chester	Maximum	80	76	79	82	78	86	80	85	90	89	85	89	89	90	90	92	94	88	90	91	94	96	94	93	96	86	86	86	93	95	98	88.4
	Minimum	63	64	60	66	68	66	70	70	69	70	70	69	71	70	75	73	68	68	70	70	71	70	73	72	71	66	64	63	61	69	71	68.4
Clemson College	Maximum	82	81	80	79	82	82	80	84	87	87	83	85	88	89	88	91	95	88	90	90	94	95	94	90	93	86	86	87	92	93	95	87.6
	Minimum	67	65	63	62	69	68	67	67	66	67	69	67	71	67	69	68	70	67	70	70	70	70	66	67	60	59	61	65	63	65	68	66.6
Columbia	Maximum	75	78	81	77	82	84	82	83	89	89	82	88	88	92	91	94	94	91	86	92	94	94	96	94	98	86	85	86	91	92	96	88.1
	Minimum	67	66	65	68	70	70	70	69	71	72	70	69	72	73	75	74	73	71	73	74	75	74	76	74	72	71	68	67	67	71	74	71.0
Due West	Maximum	71	77	79	78	78	78	80	83	87	87	83	86	87	90	91	92	94	89	91	90	94	95	96	93	94	85	86	87	92	95	96	87.2
	Minimum	64	64	63	61	68	67	68	69	69	67	70	69	71	69	71	69	70	68	73	71	73	71	72	71	70	67	65	64	65	66	68	68.2
Greenville	Maximum	73	78	76	75	76	78	79	83	86	84	83	83	85	88	87	90	92	85	86	88	90	93	92	90	91	83	84	84	89	92	90	84.9
	Minimum	66	63	61	60	67	66	66	65	66	68	69	67	71	71	70	71	69	68	72	71	73	72	73	71	69	68	67	67	66	67	70	68.1
Greenwood	Maximum	74	76	78	78	78	80	78	80	84	85	89	89	85	86	86	86	90	86	90	88	90	92	92	91	94	86	84	84	84	92	95	85.5
	Minimum	64	62	64	62	62	62	68	67	69	69	70	68	70	71	70	68	70	69	73	69	74	70	74	71	72	66	62	61	64	68	71	67.7
Heath Springs	Maximum	85	83	80	76	78	82	79	81	87	86	84	85	84	88	89	89	92	91	88	89	90	93	92	91	94	94	90	89	89	89	90	87.2
	Minimum	66	63	61	63	67	70	68	69	67	71	68	68	71	71	72	71	69	68	70	70	70	68	76	71	73	68	60	60	60	65	72	67.9
Kershaw	Maximum	74	77	80	76	80	83	80	81	88	89	83	87	88	89	89	92	93	87	80	89	90	94	94	94	96	86	86	87	92	94	97	86.9
	Minimum	65	63	61	63	63	70	68	66	67	71	69	68	71	71	72	72	69	67	70	70	70	70	76	71	73	67	61	61	59	64	71	67.8
Landrum	Maximum	85	78	76	71	77	80	81	84	86	87	85	85	87	86	89	91	91	85	81	89	91	95	92	90	91	85	85	86	89	90	92	85.8
	Minimum	61	64	60	60	66	67	64	66	63	65	74	64	70	66	67	67	67	65	68	67	69	68	70	68	65	62	60	59	64	63	62	65.2
Laurens	Maximum	75	80	83	79	78	78	81	84	90	90	85	87	89	90	90	91	93	88	90	91	93	96	97	94	95	85	87	87	92	96	97	88.1
	Minimum	64	63	63	62	68	65	69	69	70	71	68	71	68	70	69	71	68	70	69	71	72	73	71	72	71	69	65	62	60	62	65	67.7
Liberty	Maximum	79	82	78	79	80	88	83	86	88	86	86	86	88	90	91	92	95	89	92	92	92	96	96	91	92	86	86	88	91	95	94	88.3
	Minimum	64	61	60	69	65	66	64	66	63	65	68	65	69	65	66	66	67	66	69	69	68	69	69	64	64	58	59	59	61	61	65	64.8
Little Mountain	Maximum	71	75	79	79	80	84	75	80	84	87	86	85	85	88	88	86	87	91	87	88	90	94	97	93	96	84	85	87	90	93	96	86.1
	Minimum	63	62	60	64	66	68	66	68	67	68	66	65	67	68	70	70	66	71	69	69	69	70	75	72	68	65	62	61	60	68	69	66.8
Newberry	Maximum	72	81	82	80	83	89	82	86	90	89	85	88	87	93	93	94	95	90	88	92	94	97	99	94	95	88	89	90	95	96	96	89.4
	Minimum	65	64	63	66	69	68	69	68	69	69	71	69	71	70	70	71	69	68	73	70	73	71	73	72	71	67	63	61	62	68	72	68.5
Saluda	Maximum	74	81	83	84	83	88	82	86	90	90	85	88	88	92	92	94	95	93	91	93	93	97	99	96	96	87	87	88	93	95	97	89.7
	Minimum	65	65	62	66	70	67	69	68	69	69	70	67	72	71	71	69	70	69	74	70	73	71	72	72	73	68	61	60	62	66	73	68.5
Santuck	Maximum	75	80	81	82	80	85	82	86	89	89	84	86	88	90	91	95	95	90	92	93	97	97	98	93	96	87	89	89	95	98	99	89.4
	Minimum	65	63	62	66	69	70	69	71	68	70	70	68	71	68	68	73	65	68	72	71	70	69	71	71	69	66	59	58	60	69	69	67.7
Spartanburg	Maximum	73	81	80	78	79	84	83	84	90	89	89	88	90	90	88	92	93	88	87	92	92	97	94	93	91	86	87	88	91	94	95	87.9
	Minimum	64	62	63	61	63	68	65	68	67	68	65	67	69	69	68	69	66	67	70	70	70	70	72	70	69	62	62	63	64	64	69	66.6
Trenton	Maximum	74	78	80	80	86	88	88	83	79	90	90	89	88	91	92	93	94	96	94	94	94	96	98	98	99	95	89	90	95	95	99	90.2
	Minimum	66	67	63	67	67	68	68	69	69	68	68	68	70	70	72	70	74	77	70	70	71	72	74	72	75	69	69	63	65	68	71	69.4
Walhalla	Maximum	80	83	77	78	80	74	80	84	86	88	87	85	87	91	90	93	95	87	93	96	97	99	96	94	97	89	88	88	93	97	99	88.7
	Minimum	66	62	60	61	67	69	65	68	67	65	67	67	70	65	67	66	69	66	68	68	68	79	70	65	65	56	58	59	61	62	63	65.5
Winnsboro §§	Maximum	....	92	73	81	87	88	90	94	88	81	82	89	88	.....	.....	94	95	91	88	92	95	96	95	95	97	87	89	88	94	95	98	[c]90.1
	Minimum	.....	.....	.....	.....	58	58	65	65	67	68	66	65	64	66	71	.....	.....	68	68	69	71	72	72	75	72	72	66	62	62	62	69	71	[c]67.1
Winthrop College	Maximum	75	82	81	81	79	88	85	84	92	90	80	88	91	91	94	92	96	92	88	93	91	96	96	91	97	87	89	87	95	98	97	89.3
	Minimum	61	70	70	64	67	70	68	58	68	64	66	62	70	68	65	72	68	66	71	65	70	69	74	71	61	64	60	61	63	66	70	66.5

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

651.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., AUGUST, 1924. No. 8.

GENERAL SUMMARY.

Sustained high temperatures, with deficient precipitation in most sections when most needed, were attended by general deterioration of all crops during the latter part of the month, especially intermediate and late corn, late truck, forage, and pastures. Corn fodder pulling became general during the second week, and tobacco curing was about finished. Cotton showed only about normal deterioration and was fruiting fairly well during the early part of the month, but drought during the last half caused increased shedding and premature boll opening; the first bale was ginned at Estill on the 5th; picking was making good progress at the end of the month; weevil activity was not as pronounced as in former seasons. Dry weather materially reduced the sweet potato and peanut yields. Fruits, watermelons, and tomatoes were plentiful, but the month closed with good vegetables scarce.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.00 inches. The highest pressure was 30.23 inches at Charlotte and Wilmington, N. C., on the 19th, and in the Section proper, 30.22 inches at Due West on the 4th; the lowest pressure was 29.45 inches at Wilmington, N. C., on the 25th, and in the Section proper, 29.53 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 80.4°, or 1.6° above the normal. The highest temperature was 105° at Calhoun Falls on the 28th. The lowest temperature was 53° at Saluda and Santuck on the 16th. The temperature was near or above normal throughout the month, except a short cool period between the 14th and 19th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 83%; noon, 58%; 8 p. m., 72%. The highest percentages occurred along the coast, and the lowest, over the north-central border counties.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 2.86 inches, or 3.14 inches below the normal. While showers were fairly general in three periods, the amounts were markedly deficient, with an excess only in Charleston County; in the major portion of the Section the rainfall ranged downward from 3 to less than 2 inches. The greatest local monthly amount was 8.28 inches at Charleston; least local monthly amount, 1.18 inches at Catawba. The greatest 24-hour rainfall was 2.76 inches at Charleston on 2-3d The number of rainy days was 45% below normal.

Light hail occurred at Cheraw and Summerville on the 1st, at Charleston on the 2d, and at Chester on the 2d and 29th.

Deaths by Lightning.—Mack Stradford, young negro, 4 miles south of Camden, afternoon of 12th. Freeman Jackson, negro, at Spencerville, 12th.

Damage by Lightning.—Steeple of Ebenezer Lutheran Church, Columbia, and store of Mr. Murray Gibson, New Brookland, damaged about $500, afternoon of 12th.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 6.2 miles. The highest average velocity was 9.5 miles per hour at Charleston; the lowest average was 3.6 miles per hour at Charlotte, N. C., and in the Section proper, 5.0 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the north at Savannah, Ga., on the 9th, and in the Section proper, 37 miles per hour from the southeast at Due West on the 29th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 312.4 hours, or 74% of the possible amount. The average number of clear days was 18; partly cloudy, 9, and cloudy, 4, as against normals of 13, 11, and 7 days, respectfully.

RIVER CONDITIONS.

On account of generally deficient rainfall up-State, the month closed with all rivers of the Section unusually low.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 9. *Solar:* Charleston, 22; Columbia, 10; Due West, 21.

Fog, dense.—Darlington, 28; Rimini, 1, 22, 26, 31; Trenton, 13, 14, 28; Yemassee, 22.

ERRATA.

JULY 1924.—Precipitation text, page 27, end of last paragraph, omit hail at Columbia on the 24th.

MISCELLANEOUS DATA FOR AUGUST, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.02	73.4	89	55	2.24	0.95	5.5	se.	91	55	72	62
Augusta, Ga.....	29.99	82.4	100	62	2.86	0.86	4.4	s.	82	57	69	76
Charleston, S. C...	30.00	82.2	97	68	8.28	2.76	9.5	ne.	86	73	85	75
Charlotte, N. C	30.00	80.0	98	57	0.94	0.54	3.6	ne.	77	50	62	86
Columbia, S. C....	30.00	80.9	98	61	4.58	1.70	5.0	s.	86	57	70	71
Due West, S. C....	30.03	79.8	100	60	1.34	0.51	5.9	s.	82	53	....	71
Greenville, S. C....	29.99	78.8	98	61	2.65	1.17	6.5	ne.	79	55	65	76
Savannah, Ga.[1]....	29.99	82.3	97	69	2.63	1.08	9.4	sw.	84	59	77	83
Wilmington, N. C.	30.00	79.1	94	65	2.53	1.64	6.4	sw.	83	63	79	70
Means and extremes.....	30.00	73.9	100	55	3.12	2.76	6.2	ne. s.	83	58	72	73

JUN 2 1925
UNIVERSITY OF ILLINOIS

Climatological Data for August, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	81.6	+1.1	100	27	60	16	34	3.25	−2.42	1.20	0	4	...	...	...	...	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	82.2	+1.2	97	1	68	14	23	8.28	+1.31	2.76	0	10	10	14	7	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	79.6	+1.0	97	7	58	16	35	5.39	−1.21	2.48	0	6	...	...	...	...	Roland D. Powe.
Conway	Horry	25	34	80.9	+1.7	100	21	65	†15	35	3.66	−3.56	2.01	0	6	18	3	10	sw.	Paul Quattlebaum.
Darlington††	Darlington	175	29	[a]79.0	+0.1	[a]99	21	[a]59	16	[a]34	1.63	−3.70	0.75	0	5	18	8	5	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	2.16	−3.94	1.16	0	5	...	...	...	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	38	[a]80.8	+2.4	[a]97	†20	60	16	[a]30	3.86	−2.98	1.59	0	7	...	...	...	.....	Henry C. Savage.
Florence 1	Florence	136	42	82.6	+2.4	102	28	63	16	34	3.37	−2.18	2.20	0	7	25	2	4	sw.	H. K. Gilbert.
Florence 2	....do	136	9	.....	.....	.....	.....	.....	.....	.....	3.60	−1.95	3.10	0	3	19	8	4	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	[c]82.8	.....	[b]100	†22	[c]63	16	[c]31	1.57	.....	0.50	0	9	12	19	0	w.	Miner B. Robert.
Georgetown	Georgetown	18	31	80.1	−0.3	101	21	62	† 1	36	1.37	−5.43	0.65	0	5	21	10	0	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	42	81.6	+2.1	99	30	63	16	32	2.40	−3.90	1.10	0	8	...	...	...	.....	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	1.46	.....	0.97	0	3	...	...	...	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	8	81.2	.....	99	28	59	16	31	2.28	.....	0.90	0	7	20	11	0	w.	U.S. Fisheries Station.
Orangeburg 2	....do	264	4	.....	.....	.....	.....	.....	.....	.....	3.59	.....	1.80	0	8	19	12	0	ne.	State A. and M. College.
Paris Island	Beaufort	13	43	82.2	+1.1	98	21	71	†14	23	3.15	−2.79	1.32	0	12	0	13	18	ne.	U.S. Naval Aerological Sta.
Pinopolis**	Berkeley	54	77	.....	.....	[b]91	27	[b]65	23	.....	3.02	−4.06	2.00	0	4	...	...	...	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	....	.....	.....	.....	.....	.....	3.20	−2.65	0.60	0	8	...	...	...	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	80.8	+0.8	97	21	61	16	28	4.56	−1.65	1.80	0	8	11	17	3	.....	R. L. Utsey.
Society Hill	Darlington	192	33	[b]79.6	+1.1	[b]104	27	[b]59	16	[b]35	1.88	−3.82	0.77	0	6	26	2	3	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	81.2	+1.8	98	†27	60	17	35	2.63	−4.79	1.45	0	9	23	8	0	n.	E. P. Lawton.
Wedgefield	Sumter	249	34	80.6	+2.8	97	28	61	16	34	3.70	−2.21	1.77	0	4	28	3	0	w.	W Hampton Ramsey.
Yemassee	Hampton	24	35	81.4	+1.4	98	21	62	16	31	1.45	−5.04	0.27	0	8	24	0	7	ne.	W. C. Hutson.
Division means and	extremes	.....	...	81.1	+1.6	104	27	58	16	36	3.11	−3.19	3.20	0	7	18	9	4	ne.	
Western Portion.																				
Aiken	Aiken	527	62	81.2	+2.4	100	21	60	17	33	1.83	−3.60	0.91	0	4	19	9	3	n.	Frank B. McCoy.
Anderson	Anderson	764	31	80.3	+1.9	100	21	60	16	33	2.33	−3.00	1.13	0	6	22	2	7	w.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	4.13	−0.97	2.08	0	6	...	...	...	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	79.3	.....	105	28	55	16	40	2.65	−2.56	1.93	0	4	14	7	10	s.	L. M. Parker.
Camden	Kershaw	222	74	82.0	+3.1	99	11	64	24	30	1.25	−4.21	0.70	0	6	26	0	5	w.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	1.18	−4.03	0.87	0	2	...	...	...	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	2.14	−2.31	0.66	0	8	...	...	...	.....	George V. Clamp.
Chester	Chester	487	2	80.4	.....	99	† 9	56	16	33	1.31	.....	0.78	0	5	14	11	6	ne.	J. C. Cornwell.
Clemson College	Oconee	850	32	79.0	+1.6	98	28	62	14	32	3.44	−1.82	1.69	0	7	13	18	0	s.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	80.9	+1.3	98	21	61	16	28	4.58	−2.20	1.70	0	9	13	12	6	s.	U. S. Weather Bureau.
Due West	Abbeville	711	10	79.8	+1.5	100	28	60	16	31	1.34	−3.33	0.51	0	6	9	16	6	s.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	1.64	−2.28	0.79	0	3	...	...	...	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	3.44	−1.97	1.86	0	8	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	78.8	+3.0	98	28	61	16	29	2.65	−3.23	1.17	0	7	13	13	5	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	80.0	+1.6	97	28	61	16	26	1.85	−3.24	0.75	0	6	24	0	7	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	79.0	+0.1	98	28	63	†14	37	4.67	−0.83	2.92	0	5	9	16	6	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	79.4	.....	100	†10	57	16	34	1.56	.....	0.77	0	4	24	0	7	w.	John W. Hamel.
Landrum	Spartanburg	1063	9	78.6	.....	99	10	54	16	37	2.40	.....	0.74	0	7	21	9	1	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	80.0	.... ..	100	28	56	16	33	2.88	.....	1.32	0	5	15	16	0	sw.	L. G. Roff.
Liberty	Pickens	900	24	78.4	+0.4	100	28	55	16	37	3.70	−2.81	2.00	0	2	18	12	1	w.	O. F. Boggs.
Little Mountain	Newberry	711	31	79.7	+0.4	99	28	59	15	30	5.04	−0.14	2.54	0	8	22	6	3	w.	Miss Alberta Sease.
Newberry	Newberry	502	20	81.6	+2.1	102	28	56	16	35	2.21	−3.15	0.82	0	6	19	7	5	w.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	3.00	−1.83	1.14	0	5	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	80.2	+1.0	99	21	53	16	39	3.30	−2.04	1.20	0	10	15	16	0	s.	W. S. Crout.
Santuck	Union	512	31	80.1	+1.6	101	28	53	16	39	3.16	−2.57	1.47	0	8	20	11	0	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	80.4	+2.9	101	28	58	16	33	1.50	−4.09	0.65	0	5	...	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	31	79.9	+0.4	101	28	59	16	34	3.78	−2.09	1.50	0	6	20	8	3	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	78.8	+2.4	102	28	56	16	38	2.63	−3.64	1.26	0	8	20	11	0	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	30	[c]81.4	+3.3	[c]101	28	[c]58	16	[c]31	1.59	−3.75	0.67	0	5	17	9	0	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	24	78.5	+0.1	98	30	60	27	35	3.11	−2.58	0.75	0	6	14	11	6	nw.	W. T. Clawson.
Division means and	extremes	.....	....	79.9	+1.5	105	28	53	16	40	2.68	−2.72	2.92	0	6	18	9	4	w.	
Section means and	extremes	.....	....	80.4	+1.6	105	28	53	16	40	2.86	−3.14	3.10	0	6	18	9	4	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for August, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto			1.00							.35			1.20																.70		3.25
Charleston ***	Coast	.45	2.28	2.36	2.45	.06				.03				.11	.51			.01							.02	T.	T.						8.28
Cheraw ‖‖	Pee Dee	T.	.83		.18								2.48	.58												.78			T.	.54			5.39
Conway ‖‖	Waccamaw			.68	.12	.14									.16										T.		.55	T		2.01		3.66
Darlington ‖‖	Pee Dee					.25								.40	.03				.20								.75				T.		1.63
Effingham ‖‖	Lynches					.07							1.16	.05												.06	T.				.82		2.16
Ferguson ‖‖	Santee	.20		.21	.34								.22													1.02	.29				1.59		3.86
Florence 1 ‖‖	Pee Dee			.20	.05	.38							2.20	.04													.03				.47		3.37
Florence 2 ‖‖	do			.48									3.10						.02								T.						3.60
Garnett	Savannah	.14	T.	.32		T.				.38	.01		.12	.06				.02									.50				.02		1.57
Georgetown	Coast	.65	.20	T.	T									.17	T.			T.	T.						.20	.15		T.					1.37
Kingstree ‖‖	Black	.15		.04		.23							1.10	.20					.05							.33					.30		2.40
Mars Bluff	Pee Dee				.37	.12								.97																			1.46
Orangeburg 1	Edisto			.90	T.	T.					T.			.05	.27	T.										.45	.05	T.			.50	.06	2.28
Orangeburg 2	do		.25	.02					.12				.05	1.80											35					.65	.35		3.59
Paris Island	Coast	.01	T.	.30	.02					.10				.15	1.17		.10	.02		.12						.01	.45				.70		3.15
Pinopolis	Cooper												.30	.60											2.00					.12			3.02
Rimini ‖‖	Santee	.85		.25	.20									.60	.32												.20		.20		.30	.28	3.20
St. George	Edisto		.33	.63	.12						T.			.20	1.80					.68						.78					.02		4.56
Society Hill ‖‖	Pee Dee			.77	.05								.42	.17												.07				.40			1.88
Summerville	Ashley	1.45	.02	.53	.26									.05	.09					.10					.02					.11			2.63
Wedgefield	Wateree												1.38	.35	1.77											.20							3.70
Yemassee ‖‖	Ashepoo		.27							.10	.09			.25	.21				.14							.22	.17					T.	1.45
Western Portion.																																	
Aiken	Edisto			.15						.28			.49														.91						1.83
Anderson	Savannah			.28						1.13				.10	.25									.15		.42							2.33
Blairs ‖‖	Broad			2.08					.08			.75		T.	.12												.36				.74		4.13
Calhoun Falls ‖‖	Savannah			1.93					.32					.18					T.								.22						2.65
Camden ‖‖	Wateree			.04	.15									.70	.30								.04								.02		1.25
Catawba ‖‖	Catawba									.87				.31																			1.18
Chappells ‖‖	Saluda		.03	.66					.13					.32	.60								.10			.15					.15		2.14
Chester	Broad												.18	.10	.78											.21				.04			1.31
Clemson College	Savannah	.10	.25							.87			.04	1.69								.14				.35							3.44
Columbia ***	Congaree		.25	.09	T.				.04				1.70	1.18				T				.26				.30	.01			.75			4.58
Due West ***	Savannah	T.	.22	.01					.08		T.	.31		.21	.51							T.		T.		T				T.			1.34
Edgefield ‖‖	Savannah			.79											.33																.52		1.64
Gaston Shoals ‖‖	Broad			.99								.02		1.74	.12							.39	.06		.08		.04						3.44
Greenville ***	Saluda	T.	.02							1.17		.02	.70	.36				.35					T.	T	.03								2.65
Greenwood ‖‖	do			.75					.22					.42	.07												.19				.20		1.85
Heath Springs	Wateree			.03									.08	2.92								.06								1.58			4.67
Kershaw ‖‖	Lynches													.23	.77								.08								.48		1.56
Landrum	Broad	.63	.12											.33				.38				.74	.08	.12									2.40
Laurens	Saluda	T.	.35	.49									.45	1.32								T.							.27				2.88
Liberty	Savannah	T.	T.							1.70				2.00								T.		T.									3.70
Little Mountain	Saluda			.70			.10	.16					.33	2.54												.55			.40	.26			5.04
Newberry	Saluda	T.	.26	.27	T.			.34				.12	.82		.40			T.				T.	T.			T.							2.21
Pelzer ‖‖	do		T	.40								.68		.60	.18									1.14									3.00
Saluda	do	T.		.45				.20	.02	T.			.05		.54			.11					.32			.01			.40	1.20			3.30
Santuck	Broad		.86	.25							.14		1.47	.17	.14			T.					.02		.11								3.16
Spartanburg ‖‖	do	T	T.	.12							.65	.03		.38	.32			T.															1.50
Trenton	Edisto			.68				T.	T.	.59			1.50	T.				T.		.59		T.	.22							.20			3.78
Walhalla	Savannah	.38		.37				.18						1.26							05	.33	.03	.03									2.63
Winnsboro ‖‖	Broad			.24					.07					.67	.48																.13		1.59
Winthrop College	Catawba	.90					.25	.75				.40								.40		.41											3.11

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.8	101	49	6.54	11				
1888	77.8	102	50	4.53	10				sw.
1889	74.4	97	45	6.37	12				se.
1890	77.1	96	51	4.25	9				s.
1891	78.9	98	55	8.79					sw.
1892	79.5	96	59	4.42					sw.
1893	77.5	97	57	12.45	13	10	9	12	ne.
1894	77.9	102	55	7.28	11	10	13	8	sw.
1895	79.4	101	55	7.95	13	9	14	8	sw.
1896	80.4	105	52	4.14	7	14	12	5	sw.
1897	78.0	102	57	5.16	9	13	9	9	sw.
1898	78.7	99	57	9.81	18	8	11	12	sw.
1899	81.2	103	59	6.26	10	12	11	8	sw.
1900	83.0	106	60	2.13	5	21	9	1	sw.
1901	78.6	97	57	9.01	15	7	14	10	s.
1902	78.6	104	55	5.07	12	14	10	7	sw.
1903	80.6	105	60	7.15	12	15	9	7	sw.
1904	77.6	102	54	8.47	14	12	9	10	sw.
1905	77.9	107	46	5.69	11	15	8	8	sw.
1906	80.6	100	60	6.62	15	7	17	7	sw.
1907	79.4	101	54	5.41	9	13	13	5	sw.
1908	78.6	100	49	9.11	10	12	11	8	s.
1909	78.8	104	53	4.83	8	15	12	4	ne.
1910	79.0	101	60	6.00	10	11	12	8	ne.
1911	80.0	104	51	6.05	12	10	15	6	sw.
1912	79.2	104	54	3.69	9	16	8	7	sw.
1913	78.9	109	56	3.76	9	15	9	7	sw.
1914	79.0	101	56	5.88	13	9	15	7	sw.
1915	78.8	102	52	7.62	14	11	11	9	sw.
1916	79.6	100	58	3.27	8	16	10	5	sw.
1917	78.5	102	49	3.23	8	15	10	6	sw.
1918	80.2	106	52	4.45	7	20	7	4	sw.
1919	78.5	103	53	5.08	9	14	11	6	sw.
1920	77.7	100	56	8.08	14	8	12	11	sw.
1921	78.2	102	56	4.14	10	14	10	7	ne.
1922	76.4	98	49	5.07	11	12	8	11	ne.
1923	79.3	101	54	7.44	12	11	11	9	sw.
1924	80.4	105	53	2.86	6	18	9	4	w.
Period	78.8	109	45	6.00	11	13	11	7	sw.

Daily Temperatures for August, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	95	96	93	88	94	96	96	97	97	94	94	95	90	86	84	90	87	97	90	97	90	85	94	92	95	93	100	97	93	95	96	93.1
	Minimum	73	71	70	69	72	74	74	74	73	69	68	72	71	67	67	60	70	70	70	70	72	73	69	61	71	69	71	70	73	72	72	70.2
Charleston	Maximum	97	90	89	88	87	93	92	94	89	86	88	92	85	84	86	84	90	91	84	86	95	90	88	88	87	85	93	90	90	88	88	88.9
	Minimum	74	70	72	73	75	78	79	79	78	74	77	77	75	68	73	70	75	76	77	79	74	76	71	77	75	75	81	78	77	77	77	75.4
Cheraw§§	Maximum	94	91	82	87	94	95	97	96	95	96	94	90	88	84	85	86	93	91	82	92	95	89	88	90	82	92	90	94	90	93	93	90.6
	Minimum	73	68	73	69	68	73	74	72	68	68	69	68	70	68	62	58	69	69	67	67	71	70	63	65	71	66	70	72	72	66	71	68.7
Conway	Maximum	91	89	85	85	92	96	95	96	94	95	96	95	86	88	88	90	90	95	85	90	100	91	92	89	84	92	95	95	94	92	91	91.5
	Minimum	75	71	72	70	72	73	76	74	72	71	70	68	70	70	65	65	66	71	68	65	68	72	70	73	73	67	73	76	68	66	69	70.3
Darlington§§	Maximum	91	92	92	85	91	93	93	94	97	97	98	94	85	86	85	87	90	91	85	92	99	92	92	94	88	91	94	98	90	93	....	[a]91.8
	Minimum	74	67	71	....	69	73	75	72	64	68	67	64	69	69	63	59	69	70	69	66	70	70	63	67	70	66	71	74	73	64	69	[a]66.3
Ferguson§§	Maximum	90	93	90	90	91	94	95	95	94	95	94	82	92	90	89	90	91	94	95	97	97	93	90	90	86	92	97	96	95	92	....	[a]92.3
	Minimum	68	70	72	67	72	73	74	72	73	65	72	64	70	68	67	60	63	70	70	67	70	70	64	72	70	69	74	74	73	68	70	69.4
Florence 1	Maximum	96	97	90	88	95	97	98	98	100	100	100	99	89	86	87	89	92	93	88	95	99	93	95	95	89	97	99	102	100	90	96	94.9
	Minimum	76	67	72	69	71	74	76	74	71	71	70	67	70	70	65	63	68	70	69	67	72	72	64	70	72	66	74	75	75	66	71	70.2
Garnett	Maximum	98	96	....	....	92	97	97	99	94	95	95	97	91	90	88	92	91	98	96	96	99	96	95	94	96	94	100	100	98	97	90	[b]95.2
	Minimum	70	72	....	....	71	72	73	75	71	69	....	68	71	68	68	63	66	69	72	70	68	74	68	74	72	72	73	72	72	71	68	[c]70.4
Georgetown	Maximum	90	83	95	90	86	95	93	98	88	95	97	94	89	90	90	89	91	92	89	92	101	93	92	89	88	90	92	95	91	93	93	91.7
	Minimum	62	68	72	68	70	72	75	73	72	69	68	67	68	68	64	63	66	68	62	65	67	71	63	70	72	65	74	74	74	67	66	68.5
Kingstree	Maximum	92	90	90	87	91	94	94	95	97	95	96	94	92	88	86	90	88	94	93	94	98	95	94	89	87	92	98	96	96	99	98	92.9
	Minimum	73	70	73	70	73	72	75	74	73	68	68	67	71	67	67	63	66	71	71	67	69	74	64	71	73	67	74	75	75	67	68	70.2
Orangeburg 1	Maximum	90	95	89	86	91	94	94	95	94	96	95	96	90	87	85	89	89	90	92	95	99	94	92	94	91	93	98	99	98	91	93	92.9
	Minimum	71	69	72	70	72	72	71	73	73	67	68	65	63	66	66	59	66	68	71	68	70	76	66	67	71	69	74	73	72	69	75	69.4
Paris Island§§	Maximum	95	89	91	87	87	88	93	97	89	88	89	90	90	89	86	84	90	87	87	85	98	89	87	87	90	89	89	89	87	86	86	89.0
	Minimum	76	76	75	73	76	78	78	77	75	74	76	76	74	71	75	72	76	76	74	79	75	77	71	76	74	74	76	76	77	73	77	75.3
St. George	Maximum	93	91	89	89	93	94	94	94	82	93	93	94	90	88	82	88	89	94	90	93	97	93	92	82	89	91	95	94	94	93	93	91.2
	Minimum	73	72	72	70	72	73	74	74	74	69	69	70	70	67	67	61	67	69	71	70	70	74	65	68	72	72	72	73	73	69	68	70.3
Society Hill§§	Maximum	100	97	88	96	98	98	97	99	102	101	97	94	87	85	91	93	92	87	98	102	94	....	98	98	98	101	104	100	98	97	....	[b]96.2
	Minimum	....	....	....	....	....	....	....	....	....	68	66	66	69	62	58	59	70	69	66	66	69	62	....	63	65	66	70	73	65	66	71	[b]63.1
Summerville	Maximum	95	91	89	88	92	94	93	95	95	94	95	96	89	88	90	90	91	95	89	91	97	94	91	91	91	95	98	97	98	93	95	92.9
	Minimum	71	70	72	70	73	73	74	75	74	68	63	68	71	64	63	65	60	70	70	68	68	76	64	72	73	70	75	73	70	69	67	69.6
Wedgefield	Maximum	86	93	90	88	90	94	94	96	95	96	96	95	88	86	84	87	89	96	96	93	96	92	90	91	87	79	94	97	94	93	94	91.6
	Minimum	70	70	73	69	71	73	73	72	72	67	71	69	70	62	66	61	62	71	71	70	67	72	66	69	71	70	71	74	73	68	69	69.5
Yemassee	Maximum	96	94	91	91	94	94	94	97	94	94	94	95	91	89	87	87	96	95	90	93	98	93	93	94	94	97	97	96	93	95	93.5	
	Minimum	71	71	72	69	69	70	72	74	70	68	66	65	70	66	67	62	65	70	71	69	67	73	65	77	71	70	71	71	70	70	65	69.3
Western Portion.																																	
Aiken	Maximum	91	92	89	87	90	92	94	95	95	94	93	90	87	82	85	89	87	93	91	90	100	96	99	97	95	92	96	94	92	90	90	91.5
	Minimum	74	73	70	71	73	72	73	75	74	71	72	70	70	67	67	69	60	65	72	71	78	76	71	72	71	70	75	72	69	69	70	71.0
Anderson	Maximum	85	92	86	85	92	93	93	92	95	93	93	90	90	83	82	86	93	93	80	93	100	95	90	89	93	90	95	99	95	86	95	90.8
	Minimum	72	66	69	70	69	73	72	72	71	70	71	71	68	66	66	60	71	68	70	72	71	74	72	71	70	67	70	72	72	67	70	69.8
Calhoun Falls§§	Maximum	89	96	90	90	96	95	97	94	94	99	97	94	93	89	89	91	93	98	90	96	102	99	97	97	97	97	101	105	101	94	97	92.2
	Minimum	69	64	66	67	67	69	69	69	68	68	71	70	67	63	63	55	59	65	66	69	70	70	69	68	67	63	61	68	68	65	65	66.4
Camden§§	Maximum	92	94	96	94	93	95	96	98	98	94	99	90	93	89	90	83	90	92	94	96	98	95	92	94	93	98	98	96	98	98	91	94.1
	Minimum	75	68	71	72	70	74	72	71	71	76	73	73	69	68	65	66	68	68	68	69	70	69	69	64	70	70	71	68	71	70	71	70.0
Chester	Maximum	89	93	89	87	93	95	97	95	99	95	95	90	85	84	84	85	90	92	86	92	98	95	88	95	91	92	95	99	98	94	96	92.1
	Minimum	72	68	68	68	68	73	70	72	71	72	69	69	68	66	63	56	69	69	70	70	73	72	69	69	70	66	67	71	69	65	70	68.8
Clemson College	Maximum	86	90	86	86	91	93	91	92	95	92	91	88	85	84	82	83	90	90	86	90	96	91	88	88	89	90	90	98	95	92	93	89.7
	Minimum	70	65	69	70	66	68	71	73	70	67	70	69	67	62	66	69	73	65	71	70	68	70	70	69	69	65	67	67	66	67	66	68.2
Columbia	Maximum	85	91	88	88	91	93	93	94	92	96	95	92	89	85	83	87	89	92	86	93	98	91	89	91	92	90	95	97	96	92	92	91.1
	Minimum	76	72	72	70	73	74	73	74	75	71	74	71	67	67	67	61	71	70	72	70	72	74	69	67	68	68	74	75	68	68	70	70.7
Due West	Maximum	85	93	86	86	92	94	95	92	94	95	93	89	87	83	82	86	90	91	82	92	97	93	89	90	91	91	96	100	95	88	94	90.7
	Minimum	69	65	69	69	68	72	72	71	71	70	71	70	67	66	64	60	69	67	70	72	72	73	72	70	69	65	70	69	68	65	69	68.8
Greenville	Maximum	86	88	86	84	91	92	89	93	94	94	92	87	83	82	81	82	88	90	78	89	93	92	88	87	88	89	92	98	92	88	93	88.7
	Minimum	70	69	68	69	67	71	72	71	65	70	72	69	66	67	64	61	69	67	67	72	70	74	72	71	70	67	70	70	71	69	70	69.0
Greenwood	Maximum	81	90	83	84	88	91	92	88	91	91	92	90	83	82	83	84	87	89	83	91	95	92	87	88	91	89	93	97	94	90	91	88.9
	Minimum	76	66	69	68	69	72	71	71	76	71	74	75	71	69	67	61	70	72	73	71	75	74	72	70	72	69	72	74	72	69	71	71.1
Heath Springs	Maximum	93	89	85	84	90	94	95	91	95	95	94	92	90	83	83	83	90	88	85	91	94	91	86	89	90	90	93	98	95	91	89	90.2
	Minimum	74	68	71	67	67	73	73	71	70	69	68	69	68	63	63	68	70	68	68	67	72	69	66	67	70	66	68	72	70	65	70	68.7
Kershaw	Maximum	92	91	88	90	94	96	96	96	99	100	99	94	84	84	84	89	91	91	86	94	99	91	91	94	94	94	95	100	98	97	95	89.9
	Minimum	74	68	72	67	67	73	73	71	70	68	69	70	68	66	62	57	68	69	70	67	72	78	66	65	71	66	69	73	71	65	70	68.9
Landrum	Maximum	91	88	88	86	94	94	91	95	97	99	94	90	85	85	85	85	91	92	85	91	97	91	89	88	88	92	94	98	95	92	96	91.3
	Minimum	67	66	65	66	63	67	70	69	67	67	66	67	67	61	60	54	66	67	62	69	68	69	70	67	67	68	65	65	67	67	65	65.9
Laurens	Maximum	86	93	89	86	93	95	95	93	96	95	95	94	87	85	89	81	93	96	83	93	98	94	90	90	92	92	96	100	95	93	96	92.0
	Minimum	71	65	68	69	67	70	73	70	70	78	69	70	66	66	63	56	66	66	70	71	71	72	70	68	69	63	67	68	67	65	67	68.1
Liberty	Maximum	90	92	90	86	96	96	93	96	97	96	92	90	87	84	82	85	92	93	83	92	98	95	92	91	94	93	96	100	96	90	96	92.0
	Minimum	67	62	66	67	63	63	69	68	65	66	67	67	61	59	61	55	65	62	62	68	65	68	68	68	66	63	64	65	67	65	65	64.7
Little Mountain	Maximum	88	91	91	92	90	90	92	92	91	94	94	92	93	90	85	86	87	89	87	91	96	93	90	93	91	88	92	99	97	90	92	91.3
	Minimum	72	68	66	68	69	70	70	72	73	69	72	69	70	70	59	60	65	67	69	67	70	71	70	67	68	64	70	71	71	63	62	68.1
Newberry	Maximum	87	95	91	90	93	95	95	95	96	97	95	93	90	85	87	88	91	94	88	95	99	96	91	96	94	94	97	102	98	95	96	93.5
	Minimum	73	68	69	68	69	72	72	72	73	71	71	69	69	66	63	56	68	67	71	71	73	73	70	67	70	65	69	71	74	74	77	69.7
Saluda	Maximum	85	94	89	88	92	95	95	94	94	95	95	96	89	86	86	89	92	95	93	96	99	94	89	94	94	94	98	96	98	92	94	92.9
	Minimum	73	66	70	68	69	71	71	71	72	69	69	71	69	66	62	53	62	66	69	70	72	71	68	65	67	64	66	67	66	65	66	67.5
Santuck	Maximum	92	95	88	88	94	94	95	97	99	98	95	92	86	85	85	87	92	92	86	92	99	96	90	94	92	95	97	101	96	94	96	93.0
	Minimum	69	66	69	68	66	70	73	69	69	70	68	68	67	66	60	53	69	66	71	70	72	71	68	65	68	65	65	66	66	63	66	67.2
Spartanburg	Maximum	92	93	88	88	95	97	96	95	97	97	95	90	86	85	84	86	93	92	93	93	99	96	94	91	91	92	98	101	97	94	98	93.1
	Minimum	65	67	68	68	66	69	72	70	72	68	69	70	68	63	62	58	65	66	69	69	68	73	70	70	69	65	67	68	68	68	69	67.7
Trenton	Maximum	90	96	89	94	94	97	96	95	96	95	94	96	88	85	84	89	90	94	85	92	97	91	92	93	97	96	97	101	99	95	98	90.2
	Minimum	75	68	69	69	70	72	72	72	70	70	72	69	70	68	66	59	66	68	70	70	72	72	70	69	69	69	70	70	67	77	69	69.6
Walhalla	Maximum	93	92	85	90	94	95	90	93	99	97	96	96	86	84	81	85	94	92	82	92	97	92	91	92	92	92	96	102	96	86	96	91.9
	Minimum	67	63	67	70	65	66	68	68	69	66	67	66	65	59	66	56	65	63	70	71	68	67	69	66	69	61	65	64	65	65	63	65.8
Winnsboro§§	Maximum	92	95	89	89	95	96	95	97	97	98	98	96	87	85	87	88	92	94	....	....	....	....	....	....	....	92	96	101	97	94	95	[c]93.5
	Minimum	73	70	70	67	68	73	72	71	73	71	70	71	69	68	63	58	67	68	70	....	....	....	....	....	....	....	71	74	71	66	69	[c]69.3
Winthrop College	Maximum	75	82	81	81	79	88	85	84	92	90	88	88	91	94	95	92	96	92	88	93	91	96	97	91	97	87	89	87	95	98	97	89.6
	Minimum	61	70	70	64	67	70	68	68	69	64	66	62	70	68	69	72	68	66	71	69	70	69	74	71	69	64	60	61	63	66	70	67.4

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

551.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., SEPTEMBER, 1924. No. 9.

GENERAL SUMMARY.

The month was marked by much the greatest September rainfall of record, and the average amount was exceeded but once in the history of the Section, i. e., the great wet July of 1916, with an average of 14.69 inches. Temperatures ranged decidedly below normal.

Droughty and generally unsatisfactory growing conditions persisted until toward the middle of the month, when copious to excessive rains began, continuing to the close. Cotton deterioration increased; bolls began rotting, with some sprouting in bolls, and shedding continued; the quality of lint was materially reduced; picking and ginning were suspended, and weevil activity increased in the late crop. Late corn was too badly damaged by the August drought to recover during the rains. On the other hand, field truck, gardens, sweet and fall white potatoes, peanuts, hay, and pastures showed improvement, although the hay crop was short on account of previous drought. The sweet potato, peanut, and hay harvests progressed where soil conditions permitted, and apples, pears, and vegetables were plentiful at the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.04 inches. The highest pressure was 30.33 inches at Charlotte, N. C., on the 26th, and in the Section proper, 30.31 inches at Greenville on the same date; the lowest pressure was 29.52 inches at Wilmington, N. C., on the 30th, and in the Section proper, 29.53 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 70.5°, or 3.7° below the normal. The highest temperature was 100° at Winthrop College, Rock Hill, on the 1st. The warm periods were short, i. e., about the 1st and 13th and from the 20th to the 22d, inclusive. The lowest temperature was 41° at Walhalla on the 10th. The cool periods were from the 3d to the 11th, 15th to 18th, 23d to 26th, and at the close of the month.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 85%; noon, 68%; 8 p. m., 78%. The highest percentages occurred along the coast, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 12.74 inches, or 8.69 inches above the normal, and 2.93 inches above the previous highest September average. By far the greatest rainfall occurred during the last half of the month. In small areas of the Piedmont and northern counties, the total amounts were less than 9 inches; elsewhere, the monthly measurements ranged from 10 to over 17 inches, the unusually excessive rains being most pronounced over practically the entire coastal plain, where daily rains persisted after the 12th. The greatest local monthly amount was 17.32 inches at Wedgefield; least local monthly amount, 6.87 inches at Edgefield. The greatest 24-hour rainfall was 9.65 inches at Walhalla on 19-20th. The average number of rainy days was 114% above normal.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.9 miles. The highest average velocity was 11.5 miles per hour at Charleston; the lowest average was 4.9 miles per hour at Charlotte, N. C., and in the Section proper, 6.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 44 miles per hour from the northeast at Charleston on the 16th and from the northwest at Savannah, Ga., on the 30th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 194.4 hours, or 51% of the possible amount. The average number of clear days was 12; partly cloudy, 5, and cloudy, 13, as against normals of 15, 8, and 7 days, respectively. The average number of cloudy days equaled the previous highest September record of 1912.

RIVER CONDITIONS.

Notwithstanding persistent showers during the last half of the month, freshet conditions were comparatively infrequent. The Santee River was in flood at Rimini or Ferguson after the 16th, and all streams were above or approaching flood stages on the 30th.

MISCELLANEOUS PHENOMENA (dates).

Earthquake.—Summerville, 26th, 4:49 p. m.; decided, sharp bump and shake.

Frost, light.—Spartanburg, 30.

Halos—Lunar: Columbia, 10. *Solar:* Due West, 10; Greenville, 18.

MISCELLANEOUS DATA FOR SEPTEMBER, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.08	62.2	88	42	4.23	1.09	8.0	se.	89	64	74	41
Augusta, Ga.	30.02	72.0	93	53	8.22	2.57	5.4	ne.	85	66	79	49
Charleston, S. C.	30.01	74.6	90	61	11.85	4.54	11.5	ne.	83	74	83	58
Charlotte, N. C.	30.05	67.6	97	46	10.84	3.23	4.9	ne.	83	64	73	52
Columbia, S. C.	30.04	71.0	93	50	11.48	3.03	6.6	ne.	88	66	77	50
Due West, S. C.	30.06	68.2	91	45	10.00	3.16	8.5	ne.	85	66	....	46
Greenville, S. C.	30.04	67.1	93	45	8.35	2.76	7.9	ne.	82	67	72	55
Savannah, Ga.	30.00	74.4	92	57	22.58	10.08	10.6	ne.	87	73	83	48
Wilmington, N. C.	30.04	76.9	90	55	16.93	5.19	7.5	e.	85	68	81	58
Means and extremes	30.04	[illegible]	97	42	11.63	10.08	7.9	ne.	85	68	78	51

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Climatological Data for September, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	72.0	−3.6	95	1	51	† 7	40	11.73	+7.55	2.50	0	13	16	0	14	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	74.6	−2.0	90	1	61	30	23	11.85	+6.39	4.54	0	14	7	11	12	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	69.4	−3.7	92	1	48	† 7	37	12.29	+8.62	2.41	0	16	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	34	71.7	−2.5	92	1	47	11	39	16.87	+12.08	4.14	0	12	12	5	13	ne.	Paul Quattlebaum.
Darlington††	Darlington	175	29	70.6	−3.4	96	1	47	† 7	37	13.23	+9.29	3.45	0	16	15	1	14	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	15.44	+11.43	4.09	0	15	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	38	71.2	−2.8	92	1	46	11	39	15.01	+11.21	3.70	0	14	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	42	72.0	−2.6	98	† 1	49	7	44	15.61	+11.52	4.52	0	16	14	4	12	ne.	H. K. Gilbert.
Florence 2	.....do	136	9	.....	.....	.....	.....	.....	.....	.....	13.72	+9.63	2.27	0	14	7	8	15	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	[a]73.8	.....	98	2	[a]49	11	[a]41	13.54	.....	3.83	T	16	7	12	11	ne.	Miner B. Robert.
Georgetown	Georgetown	18	31	73.2	−2.7	95	1	52	7	34	14.84	+10.68	4.80	0	10	17	1	12	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	42	73.4	−0.9	92	† 1	49	11	40	16.16	+12.06	3.30	0	15	17	1	12	e.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	15.22	.....	3.80	0	10	.....	.....	.....	.....	J. L. Shaw.
Orangeburg 1	Orangeburg	264	8	72.2	.....	95	2	54	†17	35	12.76	.....	2.44	0	15	13	7	10	e.	U. S. Fisheries Station.
Orangeburg 2	.....do	264	4	.....	.....	.....	.....	.....	.....	.....	12.57	.....	2.60	0	14	10	7	13	ne.	State A. and M. College.
Paris Island	Beaufort	13	43	74.6	+2.4	88	12	58	30	23	15.74	+10.85	4.37	0	19	8	6	16	ne.	U. S. Naval Aerological Sta.
Pinopolis**	Berkeley	54	77	71.3	−2.6	88	† 1	55	† 7	.....	14.72	+10.14	4.00	0	11	.....	.....	.....	ne.	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	16.28	+12.47	3.20	0	15	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	72.2	−2.7	94	2	48	11	37	10.64	+6.75	2.50	0	13	7	12	11	.....	R. L. Utsey.
Society Hill	Darlington	192	33	[a]70.4	−2.7	[a]98	1	47	† 6	[a]44	13.78	+9.80	3.45	0	17	13	4	13	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	73.0	−1.7	96	1	48	11	44	16.13	+11.79	5.61	0	13	15	5	10	ne.	E. P. Lawton.
Wedgefield	Sumter	249	34	71.5	−2.4	93	† 1	52	† 7	36	17.32	+13.85	2.38	0	16	18	2	10	ne.	W Hampton Ramsey.
Yemassee	Hampton	24	35	72.5	−2.8	93	1	48	11	38	15.06	+11.02	4.15	0	13	15	0	15	ne	W. C. Hutson.
Division means and	extremes	.....	....	72.2	−2.2	98	† 1	46	11	44	14.37	+10.26	5.61	0	14	13	5	12	ne.	
Western Portion.																				
Aiken	Aiken	527	62	71.4	−2.8	92	2	52	11	32	9.44	+6.06	2.33	0	15	9	11	10	e.	Frank B. McCoy.
Anderson	Anderson	764	31	68.5	−5.2	95	1	50	10	33	11.27	+8.28	2.63	0	15	11	1	18	e.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	13.00	+10.20	2.53	0	17	...	.....	.....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	68.5	.....	97	1	46	10	38	12.46	+8.56	2.53	0	13	11	4	15	e.	L. M. Parker.
Camden	Kershaw	222	74	[b]73.7	−0.1	[b]97	1	50	11	[b]41	14.33	+10.67	4.00	0	16	16	0	14	ne.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	11.35	+7.82	2.40	0	16	...	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	10.49	+7.35	1.95	0	16	...	.....	. .	.....	George V. Chimp.
Chester	Chester	487	2	[a]70.2	.....	[b]96	1	[a]47	10	[a]36	13.74	.....	2.40	0	14	11	2	17	ne	J. C. Cornwell.
Clemson College	Oconee	850	32	69.2	−3.0	93	1	47	10	35	13.77	+9.81	3.10	0	12	11	5	14	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	71.0	−3.5	93	1	50	30	27	11.48	+8.03	3.03	0	20	9	7	14	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	10	68.2	−5.2	94	1	45	30	29	10.00	+7.14	3.16	0	17	6	9	15	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	6.87	+4.15	1.73	0	15	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	11.68	+8.51	3.36	0	17	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	67.4	−3.2	93	1	45	30	27	8.55	+4.76	2.76	0	16	9	8	13	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	68.8	−4.3	92	1	55	† 7	32	10.64	+6.98	2.11	0	18	9	0	21	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	68.6	−4.5	92	2	47	11	39	8.86	+5.87	1.55	0	16	10	3	17	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	70.3	.....	97	1	48	7	41	9.81	.....	1.99	0	16	14	0	16	e.	John W. Hamel.
Landrum	Spartanburg	1063	9	67.1	.....	97	1	46	† 6	42	10.88	.....	2.27	0	17	10	8	12	ne.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	68.6	.....	97	1	46	10	40	13.24	.....	3.69	0	16	6	15	9	ne.	L. G. Roff.
Liberty	Pickens	900	24	67.1	−5.4	98	1	46	7	41	11.05	+7.04	3.60	0	10	14	2	14	e.	O. F. Boggs.
Little Mountain	Newberry	711	31	68.8	−5.9	93	1	49	10	36	12.50	+9.66	3.65	0	13	10	1	9	n.	Miss Alberta Sease.
Newberry	Newberry	502	20	.....	.....	98	1	.....	.....	.....	12.57	+9.70	2.15	0	17	10	4	16	w.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	10.74	+7.30	1.54	0	17	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	70.2	−3.9	95	1	45	† 7	44	9.01	+5.93	1.88	0	18	8	12	10	n.	W. S. Crout.
Santuck	Union	512	31	68.6	−4.6	97	1	44	† 7	42	13.58	+10.32	3.14	0	18	10	7	13	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	67.4	−4.6	89	1	50	† 7	35	11.83	+8.55	2.19	0	17	...	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	31	70.8	−4.2	96	1	52	7	39	8.93	+5.75	3.15	0	17	11	9	10	w.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	67.8	−3.0	96	1	41	10	40	15.87	+10.80	9.65	0	17	10	10	10	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	30	69.6	−3.6	95	1	51	† 7	35	12.32	+8.98	1.93	0	16	12	5	13	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	24	68.8	−3.8	100	1	49	7	40	13.38	+10.36	2.10	0	18	9	10	11	s.	W. T. Clawson.
Division means and	extremes	.....	....	69.2	−4.0	100	1	41	10	44	11.49	+7.61	9.65	0	16	10	6	14	ne.	
Section means and	extremes	.....	....	70.5	−3.7	100	1	41	10	44	12.74	+8.69	9.65	0	15	12	5	13	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for September, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto									.48						2.50	1.50	1.00					.20	1.50	.10	.25	.30	.40	.50	1.00	2.00		11.73
Charleston ***	Coast			.01						.06			T.	.04	1.01	1.01	4.47	T		T.		.11		.20	T.	.14	.95	1.98	.03	1.52	.32		11.85
Cheraw ‖‖	Pee Dee			.48						.15					.80	2.33	.31	.79		.94		1.12	.08	.61		.16	.20	.38	.31	1.22	2.41		12.29
Conway ‖‖	Waccamaw			.26	T.					T.					T.	2.90	1.90	4.14						.03	.10	.07	.03	.35	3.95	.16	2.98		16.87
Darlington ‖‖	Pee Dee									.15					.70	2.80	1.00	1.30		.38		.05	.07	.70	.03	.16	.11	.18	.42	3.45	1.73		13.23
Effingham ‖‖	Lynches			.95						.25					.77	2.80	.87	1.67					.26	1.78	.05	.16	.06	.19	1.30	.24	4.09		15.44
Ferguson ‖‖	Santee			.52						.47	.02					3.20	2.02	1.42						.82	.06	.64	.06	.76	.47	.85	3.70		15.01
Florence 1 ‖‖	Pee Dee			.36						.68					1.05	4.52	.99	2.65				.07	.28	.64	.05	.07	.10	.19	.98	.49	2.49		15.61
Florence 2 ‖‖	do		T.		T.	.30				.52					.50	4.00	1.05	1.85					.14	.95		.14	.14	.17	.60	1.09	2.27		13.72
Garnett	Savannah		.81	.40	.01					.32			T.	.02	.36	2.04	3.83	T.					.43	.37	T.	.14	.74	.38	.24	2.35	1.10		13.54
Georgetown	Coast													.50	.20	1.85	3.25	.75						.25	T.	T.	T.	4.80	1.03	.81	1.40		14.84
Kingstree ‖‖	Black			.95						.30					.40	1.86	1.20	2.20				.05		.15	.10	.10	.05	.30	3.30	2.20	3.00		16.16
Mars Bluff	Pee Dee														.37	4.00	1.10	2.70						.85			.20	.45	.75	1.00	3.80		15.22
Orangeburg 1	Edisto			.23						.36					.10	2.10	1.32	1.76						.03	1.07	.20	.32	.10	.09	.59	2.05	2.44		12.76
Orangeburg 2	do		.15						.40					.05	2.60	1.15	1.80							1.03	.30	.30	.02	.10	.42	2.00	2.25		12.57
Paris Island	Coast		.05	.05						.45			.01		.42	2.28	4.37			.02	.92	.35	1.15	.06	.25	.91	1.65	.35	.25	.08	2.12		15.74
Pinopolis	Cooper												.12		2.20	2.40	2.20							.20	.20	.60	.70	.10	2.00	4.00			14.72
Rimini ‖‖	Santee			.60						.38					1.15	3.20	1.62	1.52				.10		1.20	.22	.62	.22	.10	1.10	1.05	3.20		16.28
St. George	Edisto			.02						.32						1.75	2.50	.95						.88	.12	.20	.25	.30	.30	.65	2.40		10.64
Society Hill ‖‖	Pee Dee		.80						.39					.78	3.45	.70	1.15	.65	.83		.17		.55	.04	.20	.20	.18	.40	1.69	2.20			13.78
Summerville	Ashley			.21										.26	.46	1.51	4.82							.22	.03	.08	.38	1.51	.29	.75	5.61		16.13
Wedgefield	Wateree		.50	1.35					.50					.13	2.00	2.38	2.10					.25	.18	1.85	.50	.32		1.20	.68	1.95	1.43		17.52
Yemassee ‖‖	Ashepoo			.93	.03					.19						.42	4.15	2.27						.53		.06	.33	1.00	.48	1.43	3.24		15.06
Western Portion.																																	
Aiken	Edisto			.49						.32				.29	1.35	1.59	1.07				.29			.67	.21	.32	.06	.09	.17	2.33	.19		9.44
Anderson	Savannah		1.12							.65					2.63	.10		.08			2.20	.04	.33	.04	.22	.62	.73	.29	.11	2.11			11.27
Blairs ‖‖	Broad			.48						.64					2.53	1.60	.08	.12	.04	.96		.56	.80	.83		.40	.57	.06	.97	.82	1.54		13.00
Calhoun Falls ‖‖	Savannah			1.00						.75					2.53	1.52	.05	T.			T.	.55		.17		1.20	1.77	.05	.15	.55	2.17		12.46
Camden ‖‖	Wateree			1.90						.20					.52	1.30	.60	.70		.10		.20	.20	4.00		.10	.13	.13	.80	1.20	2.25		14.33
Catawba ‖‖	Catawba			.95						.10					.90	2.40	.16	.04		.35		.10	.60	.37		.48	.51	.11	1.25	1.05	1.98		11.35
Chappells ‖‖	Saluda			.41						1.09					1.77	1.95	.10	.49		.12		.12	1.55	.24		.20	.15	.03	.83	.28	1.16		10.49
Chester	Broad		1.50										T.	.2.40			.20		1.00	.04		2.35	.20	.35	T.	1.15	.35	.70	1.30	2.10	.10		13.74
Clemson College	Savannah			1.75						.21					2.01			.89		28	3.10		1.52	.08		1.01	.57	.33		2.02			13.77
Columbia ***	Congaree		.02	.07						.27				.46	1.68	.95	.77		.23	.01	.44	.31	1.22	.18	.28	.37	.02	.70	.98	2.26	.26		11.48
Due West ***	Savannah		.50						.08	.42			T.	.10	3.15	.18	.06	.70		.05	.43	.55	.07		T.	1.20	.07	.60	.13	1.71			10.00
Edgefield ‖‖	Savannah			.59						.28				.08	.35	1.73	.31	.03				.32	.38	.42		.22	.71		.20	.45	.80		6.87
Gaston Shoals ‖‖	Broad			.15						.21					1.83	.70	.10	.03	.10	.03	.40	1.31		.15		.15	.64	.05	1.30	1.17	3.36		11.68
Greenville ***	Saluda		.16						.02	.04				T.	1.28	.27	.04		T.	.13	2.71	.22	.03		.05	.89	.32	.80	.30	1.49			8.55
Greenwood ‖‖	do			.73						.65				.14	2.07	1.47	.10	.15	.20	.11		.13	.11	.52		.19	1.02	.04	.53	.37	2.11		10.64
Heath Springs	Wateree		.60							.20				.05	1.50	.70	.20		.09		.08	1.05	.63	.27		.50	.25	.25	1.55	1.54			8.86
Kershaw ‖‖	Lynches			.38						.31					1.99	1.05	.25	.26	.31	.40		.08	.15			.20	.89	.13	.68	1.25	1.48		9.81
Landrum	Broad		.08							.31				.05	.93	.09	.08	.12			2.27	.52	1.07	.80		.85	.77	.46	.52	1.89	.07		10.88
Laurens	Saluda		.39	.72					.52	.40				T.	3.69	.41	.12		.03		.95		.53			.86	.25	.41	.72	3.22	.02		13.24
Liberty	Savannah		.50						T.						1.80	T.			T.	1.60	3.00	T.	.70		T	1.10	.30	.20	.15	1.70	T.		11.05
Little Mountain	Saluda		.21							.80					3.65	.97	.29			.12			.21			2.50	.15	.70	.30	2.60	.60		12.50
Newberry	Saluda		.48	.08						1.25				.60	2.15	1.14	.22		.10		.95		1.00	.91		.60	.10	.61	.37	1.94	.67		12.57
Pelzer ‖‖	do			1.10						.20					1.12	1.14	.04	.02	.02	T.	.36	1.46	.60	.04		.26	1.08	.12	.78	.86	1.54		10.74
Saluda	do		.19	.12						.17				.35	.99	1.35	.58		.06		.22	.02	1.98	.06	T.	.41	.12	.48	.19	1.61	.11		9.01
Santuck	Broad		.25	.75						.32					2.81	1.33	.15	.02	.55		.36		.58	.88	.04	1.15	.22	.45	.98	2.69	.05		13.58
Spartanburg ‖‖	do			.68						.20			T.		1.30	.67	.07	.05	.37	T.	.70	1.95	.07	.03		.20	1.12	.15	2.19	.40	1.68		11.83
Trenton	Edisto	T.	.18	.20						.50				.12	.96	1.28	.32		T.		.14		.49	.15	.11	.59	.28	.18	.10	3.15	.18		8.93
Walhalla	Savannah		.08						.18				T.	.10	1.37	.01	.05		.04	.50	9.65	.03	1.10		.04	.68	.56	.09	.62	.82			15.87
Winnsboro ‖‖	Broad			.40						.53					1.82	1.93	.18	.27		.05		.73	.75	1.35		.14	.46	.08	1.01	1.14	1.48		12.32
Winthrop College	Catawba		.30	.90						.30					2.00	.60	.35	.50	.52		.50	.51	.10	.80		1.10	.35	.50	1.45	2.10	.50		13.38

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.2	101	34	1.12	4				e.
1888	69.6	93	31	9.86	13				ne.*
1889	72.1	98	40	3.34	5				se.
1890	72.9	98	49	7.84	16				ne
1891	74.3	92	50	2.66					ne.
1892	72.5	93	40	6.41					ne.
1893	74.7	98	46	4.42	7	14	7	9	sw.
1894	75.0	100	52	6.51	12	12	10	8	ne.
1895	76.9	106	35	1.29	4	17	8	5	ne.
1896	75.0	105	39	2.94	5	17	8	5	ne.
1897	73.3	100	42	2.91	4	17	7	6	n.
1898	76.0	96	48	4.06	7	12	10	8	ne.
1899	72.8	102	34	2.55	6	17	8	5	ne.
1900	77.1	100	45	2.83	5	19	8	3	ne.
1901	73.1	98	46	4.66	6	15	8	7	ne.
1902	72.1	98	43	3.74	8	13	9	8	sw.
1903	72.7	100	41	3.62	5	17	7	6	ne.
1904	75.8	101	44	2.46	4	19	7	4	ne.
1905	76.2	98	49	1.91	4	16	8	6	ne.
1906	78.0	98	55	4.85	9	10	12	8	ne.
1907	76.0	99	45	5.91	9	13	11	6	w.
1908	72.4	94	40	2.86	4	15	9	6	ne.
1909	72.0	98	39	3.74	7	13	9	8	ne.
1910	75.8	103	46	3.10	7	15	12	3	ne.
1911	78.9	100	50	3.33	8	13	13	4	sw.
1912	77.7	109	47	5.91	11	10	7	13	e.
1913	71.7	99	40	4.66	9	14	7	9	ne.
1914	71.3	101	43	3.63	7	14	9	7	ne.
1915	75.9	102	43	2.38	5	16	8	6	ne.
1916	72.2	99	35	2.56	7	17	8	5	ne.
1917	71.2	98	40	5.75	10	12	8	10	ne.
1918	69.8	96	36	3.87	7	18	5	7	ne.
1919	74.1	99	45	0.97	2	22	6	2	ne.
1920	75.5	100	46	5.42	7	16	8	6	ne.
1921	80.0	104	57	3.42	6	19	8	3	sw.
1922	75.2	100	47	1.15	3	18	8	4	ne.
1923	75.5	99	50	2.67	6	16	9	5	ne.
1924	70.5	100	41	12.74	15	12	5	13	ne.
Period	74.2	109	31	4.05	7	15	8	7	ne.

*Also e. and s.

Daily Temperatures for September, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	95	95	80	83	88	82	83	91	87	82	82	90	91	82	69	69	81	83	88	84	86	85	70	69	65	76	80	81	75	73	....	81.4
	Minimum	70	70	70	60	60	59	51	57	63	55	51	57	57	71	66	65	60	61	63	67	69	68	64	60	59	60	65	69	67	60	....	62.5
Charleston	Maximum	90	88	79	82	89	79	79	84	84	77	78	83	85	84	74	72	78	79	81	84	80	83	78	72	73	74	80	82	78	78	....	80.2
	Minimum	75	76	73	65	66	65	66	68	71	64	65	69	75	73	69	66	64	67	71	74	74	74	66	65	65	68	68	72	73	61	...	68.9
Cheraw§§	Maximum	92	89	80	79	89	81	79	85	85	78	80	85	88	77	69	65	78	79	82	82	78	78	69	71	68	67	69	74	75	68	....	78.0
	Minimum	71	69	64	57	57	55	48	52	65	51	48	53	62	72	62	62	60	63	66	69	67	69	58	58	68	58	61	64	68	54	....	60.8
Conway	Maximum	92	91	81	82	87	78	82	86	87	83	80	86	88	86	72	69	77	80	85	85	85	86	77	67	71	78	71	79	75	77	....	80.8
	Minimum	70	69	66	58	55	59	50	57	65	55	47	59	70	68	62	65	62	60	63	66	69	67	64	60	60	65	66	69	71	60	....	62.6
Darlington§§	Maximum	96	94	91	80	87	79	83	89	89	76	84	90	94	75	73	67	78	82	87	86	85	84	67	69	67	72	70	82	76	73	....	80.5
	Minimum	71	69	64	56	55	55	47	52	64	51	47	55	65	69	64	63	61	61	63	65	69	69	59	59	57	57	64	65	70	56	....	60.7
Ferguson§§	Maximum	92	91	82	86	85	85	84	87	84	88	84	88	89	87	70	67	79	83	85	85	86	86	68	66	71	71	86	89	76	73	....	81.8
	Minimum	73	66	69	59	59	55	52	48	65	54	46	52	65	65	65	65	62	55	67	63	64	65	58	55	57	60	64	65	68	55	....	60.5
Florence	Maximum	98	98	83	85	91	85	88	93	82	79	86	94	93	76	68	67	79	84	90	90	86	87	70	69	65	73	71	84	75	73	....	82.1
	Minimum	72	70	65	57	67	57	49	50	59	52	50	58	65	71	65	59	61	62	65	67	70	70	62	62	58	59	65	65	71	56	....	62.0
Garnett	Maximum	97	98	75	85	89	82	85	91	88	80	86	90	95	94	74	71	79	86	86	90	92	90	77	70	66	70	77	86	80	75	....	83.5
	Minimum	66	67	69	62	62	61	53	61	64	58	49	....	68	71	65	67	63	65	64	70	69	70	65	62	61	65	68	71	70	57	....	*64.2
Georgetown	Maximum	95	82	85	92	81	86	84	82	82	89	85	90	89	88	78	72	75	82	85	88	85	90	83	71	71	78	78	83	78	77	....	82.8
	Minimum	67	66	69	73	65	57	52	61	61	55	71	68	70	66	57	62	55	66	68	67	67	72	58	57	61	64	71	65	55	61	....	63 6
Kingstree	Maximum	92	92	83	84	87	83	84	90	86	82	84	89	87	85	83	78	77	84	85	86	84	86	82	82	77	72	72	84	81	75	....	83.4
	Minimum	69	67	68	58	55	58	50	56	67	56	49	59	69	71	66	65	62	64	63	68	70	69	63	60	59	65	66	69	72	69	....	63.4
Orangeburg	Maximum	94	95	81	81	88	82	83	90	83	77	82	89	91	87	69	69	80	84	86	90	88	87	78	69	63	70	72	82	77	75	....	81.5
	Minimum	69	71	69	62	61	59	59	55	64	55	56	59	74	67	66	65	54	63	63	68	69	70	54	58	59	63	67	59	71	59	....	62.9
Paris Island§§	Maximum	85	85	77	83	85	78	79	84	85	79	81	88	84	83	74	71	78	82	84	86	85	86	76	69	73	74	79	82	78	72	....	80.2
	Minimum	73	73	73	65	68	63	66	70	67	64	65	68	75	72	69	67	65	68	72	77	76	76	65	65	65	68	71	72	71	58	....	69.0
St. George	Maximum	93	94	84	80	89	80	85	90	86	78	85	90	91	83	69	70	80	85	89	89	86	88	72	68	67	70	76	87	77	73	....	81.8
	Minimum	67	68	69	62	56	59	51	57	60	57	48	55	64	70	67	65	62	60	62	65	70	70	68	60	60	61	66	67	71	61	....	*61.8
Society Hill§§	Maximum	98	82	83	92	81	....	90	86	78	86	92	93	77	67	67	63	66	61	63	82	65	69	58	58	57	57	63	65	64	55	50	....	59.4
	Minimum	70	67	56	56	55	47	51	64	52	47	48	67	67	63	63	66	61	63	84	89	88	84	76	68	68	68	71	78	85	77	75	....	82.6
Summerville	Maximum	96	94	80	94	89	80	88	91	85	78	86	92	92	81	74	69	78	84	89	88	84	89	86	74	68	67	70	70	84	75	73	....	80.6
	Minimum	66	65	70	60	56	59	53	59	67	57	45	62	68	70	57	66	62	59	64	68	71	71	65	62	61	67	68	71	73	61	....	63.5
Wedgefield	Maximum	93	93	81	82	87	78	80	87	86	80	81	88	89	85	72	68	80	83	84	84	89	86	74	68	67	70	70	84	75	73	....	80.6
	Minimum	68	68	67	58	60	57	52	64	59	54	52	60	69	66	65	64	61	63	64	67	70	67	61	59	59	58	65	67	70	58	....	62.4
Yemassee	Maximum	93	94	84	83	88	86	85	91	86	78	84	86	91	88	77	71	78	85	87	86	86	88	77	70	65	69	79	86	79	76	....	82.3
	Minimum	64	64	68	60	56	60	52	58	64	56	48	58	67	69	66	65	62	59	63	68	68	69	66	62	60	64	67	70	71	58	....	62.7
Western Portion.																																	
Aiken	Maximum	91	92	87	82	88	85	80	84	81	77	78	84	87	84	73	69	78	86	84	84	86	83	79	66	63	70	69	72	73	70	....	79.3
	Minimum	71	70	69	61	64	60	55	72	62	53	52	60	68	65	64	63	63	63	62	64	71	68	70	60	59	60	60	64	69	65	....	63.4
Anderson	Maximum	95	86	77	80	88	75	81	85	83	75	80	85	90	75	63	63	80	74	79	75	83	83	74	69	59	63	70	70	70	69	....	76.6
	Minimum	70	67	66	63	63	55	54	57	59	50	52	58	69	62	59	59	57	59	64	65	69	67	66	65	60	57	55	56	62	63	65	49	....	60.4
Calhoun Falls§§	Maximum	97	91	83	85	89	80	86	89	84	80	83	89	93	76	65	64	80	78	86	84	89	85	72	65	60	67	71	72	77	69	....	79.5
	Minimum	68	66	63	59	58	53	50	52	54	46	48	50	56	64	60	61	53	56	59	60	64	64	60	56	54	54	56	60	62	60	....	57.5
Camden§§	Maximum	97	92	86	84	88	....	....	88	91	83	78	88	92	92	88	78	....	....	....	....	....	84	....	93	87	....	76	....	77	....	....	....	74	....	185.8
	Minimum	69	68	67	60	59	57	57	58	58	54	50	51	57	70	57	60	60	62	62	72	70	71	63	60	58	58	62	65	70	63	....	61.6
Chester	Maximum	96	93	92	91	94	90	....	....	....	82	75	82	87	87	79	65	63	80	75	82	77	83	78	74	69	66	67	69	75	72	71	....	179.1
	Minimum	71	70	69	....	....	....	....	....	....	61	47	51	55	70	64	51	60	59	61	61	72	66	63	59	55	55	58	63	65	70	55	....	*61.2
Clemson College	Maximum	93	87	78	79	86	84	80	82	80	76	79	83	87	87	69	68	73	73	80	80	83	82	76	77	71	70	73	78	65	71	....	78.8
	Minimum	66	68	64	64	57	51	49	51	61	47	48	51	66	64	61	61	57	66	64	66	67	68	62	56	55	56	62	64	70	49	....	59.7
Columbia	Maximum	93	92	80	80	88	78	80	87	82	76	80	87	90	70	66	63	63	61	65	65	68	70	71	62	60	59	63	66	68	69	50	....	78.7
	Minimum	73	70	66	60	63	59	54	60	64	55	54	60	70	66	63	63	61	65	65	68	70	71	62	60	59	63	66	68	69	50	....	63.2
Due West	Maximum	94	90	78	80	87	76	79	85	81	75	79	83	88	72	63	62	78	75	80	77	84	81	74	66	61	65	71	70	71	67	....	76.4
	Minimum	70	67	65	61	61	56	52	56	58	51	52	57	66	63	61	60	55	58	62	66	67	67	61	58	57	58	63	64	61	45	....	59.9
Greenville	Maximum	93	86	77	78	85	76	79	81	76	75	77	83	87	74	63	62	76	73	78	71	82	79	73	68	59	63	68	69	70	62	....	74.8
	Minimum	70	68	65	62	60	54	55	56	61	54	55	56	68	62	58	58	58	60	64	66	67	67	61	56	54	56	62	62	60	45	....	60.0
Greenwood	Maximum	92	87	77	78	84	78	78	84	80	71	78	83	83	77	65	63	76	74	79	78	81	87	73	66	63	66	69	70	72	69	....	76.0
	Minimum	72	72	68	62	66	59	55	56	62	49	51	56	69	65	62	60	57	60	62	69	66	67	61	59	57	57	63	65	66	55	....	61.6
Heath Springs	Maximum	91	92	90	79	78	79	78	78	82	77	76	86	87	84	78	75	78	77	82	80	81	80	75	69	67	65	66	72	73	69	....	78.1
	Minimum	71	65	63	52	55	54	51	53	56	48	47	57	65	64	61	60	57	60	63	65	66	69	57	57	55	58	63	64	70	53	....	59.1
Kershaw	Maximum	97	94	81	81	88	79	84	89	82	77	85	90	93	72	65	65	78	79	85	81	83	81	74	72	64	68	69	75	75	73	....	79.3
	Minimum	71	69	64	55	60	56	48	54	62	72	49	55	70	65	62	55	59	61	63	66	70	69	58	59	58	59	64	65	70	54	....	61.3
Landrum	Maximum	97	91	79	80	87	78	80	89	78	78	79	87	89	82	61	63	79	78	80	72	86	81	75	71	65	61	66	69	70	63	....	77.1
	Minimum	65	65	64	57	55	46	47	48	59	63	46	48	67	61	58	57	56	55	63	67	66	67	58	53	54	55	59	61	63	50	....	57.3
Laurens	Maximum	97	93	79	81	87	78	82	87	82	79	81	86	89	79	64	62	80	76	84	75	87	80	75	67	67	63	71	71	72	69	....	78.1
	Minimum	68	65	66	57	59	54	47	50	62	46	47	51	65	64	62	60	56	56	61	68	65	66	61	56	56	57	63	65	66	52	....	59.0
Liberty	Maximum	98	87	79	81	87	84	82	85	85	79	82	88	90	80	64	67	81	74	80	74	87	82	74	69	62	62	70	72	70	71	....	78.2
	Minimum	64	65	62	61	54	51	46	50	58	46	47	49	64	59	58	51	55	55	61	64	65	65	52	53	52	52	56	60	63	42	....	56.1
Little Mountain	Maximum	93	91	85	78	86	83	80	86	80	81	78	75	83	77	66	70	76	78	80	81	84	78	81	71	65	65	69	73	75	73	....	78.0
	Minimum	69	62	64	55	60	55	50	68	60	49	50	58	66	64	60	59	57	66	60	61	65	66	58	58	54	56	62	62	63	53	..	59..
Newberry	Maximum	98	94	83	82	88	79	83	88	83	76	81	89	87	74	67	64	80	80	77	81	87	81	70	69	63	66	71	75	74	72	....	78.
	Minimum	79	75	71	65	70	63	66	71	69	60	65	71	74	73	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Saluda	Maximum	95	92	82	82	89	84	83	89	84	78	82	89	89	76	68	65	82	79	85	84	87	81	78	69	66	67	71	76	74	73	....	80.6
	Minimum	71	71	68	56	60	57	45	51	62	47	45	51	62	66	63	62	60	59	62	69	67	68	61	62	57	57	65	66	68	57	....	60.
Saunuck	Maximum	97	92	80	81	87	78	80	86	82	78	81	85	89	81	64	63	80	77	82	76	85	78	73	69	63	69	70	73	72	72	....	78.
	Minimum	69	69	64	55	61	53	44	50	62	44	46	56	66	63	62	60	59	59	60	68	69	66	59	55	56	57	64	65	67	55	....	59.
Spartanburg	Maximum	89	92	79	89	87	82	80	86	79	77	81	86	91	66	62	61	80	76	82	76	85	81	76	70	58	65	71	68	70	60	....	76.
	Minimum	68	67	59	68	58	51	50	51	55	56	50	51	58	64	61	59	57	58	58	65	67	67	61	54	55	54	62	62	62	51	....	58.
Trenton	Maximum	96	95	83	84	87	81	84	91	81	78	80	88	90	78	68	66	81	80	84	85	87	82	75	65	66	67	70	78	78	71	....	80.
	Minimum	70	69	66	57	61	59	52	58	61	53	54	60	60	67	63	63	59	64	64	67	67	69	61	59	58	59	65	66	60	56	....	61.
Walhalla	Maximum	96	87	81	82	90	77	82	83	82	79	81	86	90	84	66	69	84	72	80	73	84	82	76	69	60	65	69	75	70	67	....	78.
	Minimum	64	66	63	63	65	45	47	49	49	41	46	51	65	61	60	59	57	58	63	65	65	67	62	52	54	57	62	61	63	48	..	57.
Winnsboro§§	Maximum	95	94	89	81	88	78	82	88	82	75	82	89	89	70	66	66	79	80	84	81	86	82	68	70	63	67	68	80	74	71	....	78.
	Minimum	71	69	65	55	62	55	51	56	60	51	51	54	64	67	62	62	59	60	63	67	68	68	59	60	57	57	61	65	67	55	....	60.
Winthrop College	Maximum	100	78	93	82	88	74	84	87	83	71	88	91	90	82	64	62	80	74	83	79	85	78	74	71	65	64	70	74	72	73	....	78.
	Minimum	70	64	69	55	60	51	49	54	61	49	51	54	58	63	60	59	58	59	61	67	68	69	59	52	55	56	63	64	63	53	....	59.

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W.B.O. Raleigh, 10-27-24—900

51.05
NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., OCTOBER, 1924. No. 10.

GENERAL SUMMARY.

Temperatures and precipitation ranged considerably below the seasonal average, with little or no rain until about the 25th.

The bright, clear weather following the September rains was especially favorable for housing fall crops, for plowing, and for developing late cotton, which exceeded expectations in some sections, the weevil having taken its toll. Cotton shedding, sprouting in bolls, and boll rotting were materially checked, and picking and ginning had made good progress, with the crop open in the entire Section by the end of the month. Mueh wheat, oats, and rye were planted, but prolonged dry weather retarded germination. Corn, sweet and fall white potatoes, peanuts, and forage were harvested in good condition, and the late rains improved field truck, gardens, and pastures, as well as winter cereal germination. Molasses making was in progress at the close of the month, and apples and pears were plentiful.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.19 inches. The highest pressure was 30.61 inches at Asheville, N. C., on the 24th, and in the Section proper, 30.54 inches at Due West on the same date; the lowest pressure was 29.78 inches at Charleston on the 21st.

TEMPERATURE.

The monthly mean for the Section, determined from records of 39 stations, was 62.2°, or 1.3° below the normal. The highest temperature was 89° at Kingstree on the 7th, at Georgetown on the 8th, and at Florence No. 1 on the 18th. The warm periods were from the 6th to 8th, 13th to 20th, and 29th to 31st, inclusive. The lowest temperature was 28° at Santuck on the 24th. The cool periods were from the 1st to 3d, on the 9th and 10th, and from the 21st to the 27th, inclusive. Light frosts occurred in sections of the central and upper counties on the 1st, 2d, and 22d, and heavy to killing frosts were quite general in the interior on the 23d and 24th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 53%; 8 p. m., 68%. The highest percentages occurred along the coast, and the lowest, in the northern counties.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 1.50 inches, or 1.49 inches below the normal. There was but little rain until the period, 25th to 28th, and the monthly amounts were generally below normal, ranging from somewhat over 3 inches to less than 1 inch. The greatest local monthly amount at any station was 3.20 inches at Darlington; least local monthly amount, 0.56 inches at Calhoun Falls. The greatest 24-hour amount at any station was 3.15 inches at Darlington on 26-27th. The average number of rainy days was 60% below normal.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 6.8 miles. The highest average velocity was 12.1 miles per hour at Charleston; the lowest average was 3.6 miles per hour at Charlotte, N. C., and in the Section proper, 5.3 miles per hour at Columbia. The highest velocity for any 5-minute period was 36 miles per hour from the northeast at Charleston on the 26th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 277.5 hours, or 79% of the possible amount. The average number of clear days was 23; partly cloudy, 3, and cloudy, 5, as against normals of 18, 6, and 7 days, respectively.

RIVER CONDITIONS.

The heavy to excessive rains at the close of September were followed by general floods in the various streams of the Section during early October. Floods continued in the Santee River at Rimini until the 13th, and at Ferguson, until the 18th. The Pee Dee River was in flood at Mars Bluff until the 10th. The Waecamaw River was in flood at Conway until the 20th, and the crest of 11.1 feet on the 9th was the highest of record. In the Santee River District, the unavoidable losses approximated $41,710, and the value of movable property saved by warnings was estimated at $52,700. In the Pee Dee District, the unavoidable losses approximated $85,300, and the value of movable property saved by warnings was estimated at $255,000.

MISCELLANEOUS PHENOMENA (dates).

Earthquake.—Several tremors were felt in the northwestern counties and adjacent regions about 3:30 a. m. on the 20th.

Frost, killing or freezing temperature.—Liberty, 22; Clemson College, Landrum, Little Mountain, Saluda, Santuck, 23; Walhalla, 24.

Halos—Lunar: Charleston, 7; Columbia, 9, 10; Paris Island, 7. *Solar:* Due West, 10, 16, 25; Greenville, 25; Walhalla, 3.

MISCELLANEOUS DATA FOR OCTOBER, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.25	55.6	78	27	1.21	1.04	5.1	nw.	88	47	64	77
Augusta, Ga.	30.18	63.2	86	39	1.91	1.68	4.4	ne.	84	52	70	85
Charleston, S. C.	30.15	65.8	81	45	3.05	1.66	12.1	ne.	82	65	80	64
Charlotte, N. C.	30.21	60.9	82	36	0.45	0.43	3.6	ne.	75	46	57	88
Columbia, S. C.	30.20	62.6	84	39	1.18	1.07	5.3	ne.	84	54	62	85
Due West, S. C.	30.23	60.3	83	37	0.97	0.90	7.1	ne.	79	47	....	82
Greenville, S. C.	30.19	61.5	83	38	0.85	0.80	5.8	ne.	74	50	60	87
Savannah, Ga.	30.14	65.2	80	45	1.54	1.44	11.6	ne.	85	62	75	63
Wilmington, N. C.	30.19	62.9	82	39	0.90	0.90	6.1	ne.	81	55	76	81
Means and extremes	30.19		86	27	1.21	1.68	6.8	ne.	81	53	68	79

SMITHSONIAN INSTITUTION
UNIVERSITY OF ILLINOIS

Climatological Data for October, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	62.6	−2.4	86	†19	38	23	35	0.80	−2.05	0.40	0	3	28	1	2	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	65.8	−2.0	81	6	45	22	20	1.66	−2.27	1.66	0	2	16	4	11	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	59.8	−2.3	81	†19	33	24	36	1.04	−1.77	1.04	0	1	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	34	63.0	−1.9	86	19	38	22	34	1.34	−1.88	1.18	0	3	22	3	6	ne.	Paul Quattlebaum.
Darlington††	Darlington	175	29	61.9	−1 8	87	18	35	24	37	3.20	+0.09	3.15	0	2	26	1	4	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	1.40	−1.58	1.16	0	2	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	38	61.4	−2.8	83	19	37	23	36	2.98	+0.11	1.90	0	2	..	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	42	64.0	−0.1	89	18	35	24	39	1.41	−1.65	1.31	0	3	25	2	4	ne.	H. K. Gilbert.
Florence 2	....do	136	9	.....	.....	.....	.....	.....	.....	.....	1.30	−1.76	1.29	0	2	24	4	3	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	[b]68.8	.....	[b]86	6	[b]40	†23	[b]36	2.01	.....	1.80	0	3	16	10	5	e.	Maner B. Robert.
Georgetown	Georgetown	18	31	65.8	−0.5	89	8	39	23	31	0.74	−2.44	0.74	0	1	28	0	3	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	42	63.2	−1.3	89	7	37	24	37	1.55	−1.30	1.40	0	2	22	3	6	e.	Mrs. Elleu Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	1.00	.....	1.00	0	1	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	8	62.4	.....	86	19	38	24	35	1.97	.....	1.08	0	3	24	3	4	e.	U.S. Fisheries Station.
Paris Island	Beaufort	13	43	66.8	−1.0	81	6	49	†22	25	2.43	−0.82	2.10	0	3	13	7	11	.....	U.S. Naval Aerological Sta.
Pinopolis ††	Berkeley	54	77	60.8	−3.6	80	† 3	40	†22	.....	2.35	−0.69	1.35	0	2	26	2	3	e.	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	2.05	−0.41	1.60	0	2	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	65.5	+0.3	85	†17	39	24	34	2.70	+0.36	2.10	0	2	12	15	4	.....	R. L. Utsey.
Society Hill	Darlington	192	33	61.8	−0.8	88	† 6	36	†21	41	1.44	−1.61	1.37	0	2	25	0	6	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	64.2	−1.5	88	3	39	†22	42	2.13	−1.34	1.93	0	3	21	5	5	e.	D. P. Dehon.
Wedgefield	Sumter	249	34	63.4	−0.3	88	† 6	37	†23	38	1.85	−1.00	1.80	0	2	29	0	2	ne.	W Hampton Ramsey.
Yemassee	Hampton	24	35	63.4	−2.2	84	† 5	38	24	37	2.05	· 2.79	2.05	0	2	22	2	7	ne.	W. C. Hutson.
Division means and	extremes	.....	....	63.5	−1.3	89	† 7	33	24	42	1,76	−1.22	3.15	0	2	21	4	6	ne.	
Western Portion.																				
Aiken	Aiken	527	62	62.8	−1.0	85	19	37	24	34	2.37	−0.26	2.08	0	2	23	5	3	ne.	Frank B. McCoy.
Anderson	Anderson	764	31	62.0	−1.4	87	20	37	23	37	0.67	−2.11	0.45	0	2	26	0	5	e.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	....	1.43	−1.13	1.09	0	3	....	....	....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	59.4	.....	86	18	33	24	41	0.56	−2.50	0.47	0	2	22	4	5	w.	L. M. Parker.
Camden	Kershaw	222	74	.....	.....	.....	.....	36	23	.....	1.35	−1.27	1.25	0	3	27	0	4	ne.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	0.85	--2.76	0.70	0	2	....	....	....	.....	James C. Farls.
Chappells	Newberry	402	19	.....	.... ..	.....	.....	.....	.....	.....	1.84	−0.74	1.47	0	2	....	....	....	.....	George V. Clamp.
Chester	Chester	487	2	60.2	.....	83	†18	36	22	36	0.95	.....	0.50	0	3	24	4	3	ne.	J. C. Cornwell.
Clemson College	Oconee	850	32	[e]61.2	−0.4	[e]85	10	32	23	[e]40	0.74	−2.63	0.50	0	2	27	1	3	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	62.6	−1.7	84	20	39	24	31	1.18	−1.67	0.35	0	3	26	1	4	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	10	60.8	−1.6	83	20	37	23	30	0.97	−0.77	0.90	0	3	25	3	3	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	1.83	−0.85	1.11	0	3	....	....	....	.....	J. A. Townsend.
Gaston Shoals ‡‡	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	1.55	−1.39	1.39	0	3	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	61.5	+1.3	83	20	38	22	29	0.85	−2.35	0.80	0	2	24	4	3	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	60.2	−2.0	80	†18	35	23	37	1.79	−1.05	1.27	0	3	25	0	6	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	61.7	−0.7	85	18	34	†23	46	1.05	−1.40	0.75	0	2	24	2	5	e.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	61.8	.....	85	†17	35	23	38	1.24	.....	1.15	0	2	26	0	5	e.	John W. Hamel.
Landrum	Spartanburg	1063	9	61.3	.....	85	†18	32	23	39	1.26	.....	0.68	0	2	25	3	3	ne.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	59.6	.....	84	20	35	24	38	1.30	.....	0.96	0	3	24	4	3	ne.	L. G. Roff.
Liberty	Pickens	900	24	60.2	−1.8	84	†13	31	22	38	0.60	−3.25	0.60	0	1	25	2	4	e.	O. F. Boggs.
Little Mountain	Newberry	711	31	60.5	−3.9	82	20	32	23	37	1.59	−1.31	0.98	0	2	24	3	4	ne.	Miss Alberta Sease.
Newberry	Newberry	502	20	60.8	−2.8	85	18	34	24	37	2.02	−0.54	1.50	0	2	27	1	3	e.	John H. Baxter.
Pelzer	Anderson	850	20	... ...	.....	.....	.....	.....	.....	.....	0.98	−2.52	0.92	0	3	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	59.2	−4.6	82	20	31	24	38	2.00	−1.03	1.48	0	2	26	2	3	n.	W. S. Crout.
Santuck	Union	512	31	.....	.....	85	19	28	24	31	2.00	−1.24	1.35	0	2	23	5	3	ne.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	59.9	−1.2	84	18	35	23	36	1.32	−1.49	1.02	0	3	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	31	63.2	+0.9	87	†20	37	23	48	1.94	−1.15	1.53	0	2	26	2	3	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	60.2	−0.6	85	20	30	23	40	1.09	−1.39	0.64	0	2	25	3	3	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	30	[f]63.0	+0.6	[f]85	18	[f]41	1	[f]31	1.05	−2.05	0.83	0	2	27	0	4	ne.	Rev. Oliver Johnson.
Winthrop College ‡‡	York	690	24	62.1	−0.3	85	† 6	34	23	39	1.15	--1.70	0.65	0	3	25	3	3	n.	W. T. Clawson.
Division means and	extremes	.....	....	61.1	−1.5	87	†20	28	24	48	1.32	−1.71	2.08	0	2	25	2	4	ne.	
Section means and	extremes	.....	....	62.2	−1.3	89	† 7	28	24	48	1.50	−1.49	3.15	0	2	23	3	5	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.

† Also on other dates. †† Received too late to be included in means and summaries. [e] Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.

T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for October, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto																										.40	.30	.10				0.80
Charleston ***	Coast																									.32	1.34	T.					1.66
Cheraw ‖‖	Pee Dee																											1.04					1.04
Conway ‖‖	Waccamaw	.02					T.																				.14	1.18					1.34
Darlington ‖‖	Pee Dee																										T.	3.15	.05				3.20
Effingham ‖‖	Lynches																										.24	1.16					1.40
Ferguson ‖‖	Santee																										1.90	1.08					2.98
Florence 1 ‖‖	Pee Dee																										.06	1.31	.04				1.41
Florence 2 ‖‖	do																											1.29	.01				1.30
Garnett	Savannah																									.17	1.80	.04					2.01
Georgetown	Coast																										.74						0.74
Kingstree ‖‖	Black																										.15	1.40					1.55
Mars Bluff	Pee Dee																											1.00					1.00
Orangeburg	Edisto				T.	T.				T.																	.87	1.08	.02				1.97
Paris Island	Coast						.13																			.90	1.40						2.43
Pinopolis	Cooper																									1.00	1.35						2.35
Rimini ‖‖	Santee																										1.60	.45					2.05
St. George	Edisto																										.60	2.10					2.70
Society Hill ‖‖	Pee Dee																										1.37	.07					1.44
Summerville	Ashley																									.02	1.93	.18					2.13
Wedgefield	Wateree																										1.80	.05					1.85
Vemassee ‖‖	Ashepoo																										1.29	.76					2.05
Western Portion.																																	
Aiken	Edisto																										2.08	.29					2.37
Anderson	Savannah																										.45	.22					0.67
Blairs ‖‖	Broad																									.28	1.09	.06					1.43
Calhoun Falls ‖‖	Savannah																										.09	.47					0.56
Camden ‖‖	Wateree																										.06	1.25	.04				1.35
Catawba ‖‖	Catawba																										.15	.70					0.85
Chappells ‖‖	Saluda																										.37	1.47					1.84
Chester	Broad																										.50	.42	.03				0.95
Clemson College	Savannah																										.50	.24					0.74
Columbia ***	Congaree																									.10	.99	.09					1.18
Due West***	Savannah																									.01	.89	.07					0.97
Edgefield ‖‖	Savannah																										.63	1.11	.09				1.83
Gaston Shoals ‖‖	Broad																											1.39	.08			.08	1.55
Greenville ***	Saluda																										.75	.10					0.85
Greenwood ‖‖	do																										.33	1.27	.19				1.79
Heath Springs	Wateree																										.75	.30					1.05
Kershaw ‖‖	Lynches																											1.15	.09				1.24
Landrum	Broad																										.58	.68					1.26
Laurens	Saluda																										.96	.33	.01				1.30
Liberty	Savannah																										T.	.60					0.60
Little Mountain	Saluda																										.98	.61					1.59
Newberry	Saluda																										1.50	.52					2.02
Pelzer ‖‖	do																										.02	.92	.04				0.98
Saluda	do																										1.48	.52					2.00
Santuck	Broad																									1.35	.65						2.00
Spartanburg ‖‖	do									T.																	.05	1.02	.25			T.	1.32
Trenton	Edisto																										1.53	.41					1.94
Walhalla	Savannah																										.45	.64					1.09
Winnsboro ‖‖	Broad																										.22	.83					1.05
Winthrop College	Catawba																										.65	.30	.20				1.15

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	61.4	91	30	5.96	8	.....	.....	.....	n.
1888	59.3	88	31	4.18	7	.....	.....	.....	sw.
1889	60.8	88	27	1.65	3	.....	.....	.....	n.
1890	63.0	90	22	4.06	.....	.....	.....	.....	.....
1891	60.2	92	28	1.63	.....	.....	.....	.....	nw.
1892	63.8	89	27	0.60	.....	.....	.....	.....	ne
1893	64.4	90	25	4.92	5	18	7	6	ne.
1894	64.2	98	33	4.95	5	20	6	5	ne.
1895	61.3	95	28	1.15	3	20	7	4	ne.
1896	61.3	91	28	1.41	4	15	8	8	ne.
1897	65.8	96	35	3.23	5	14	8	9	ne.
1898	62.9	90	28	3.82	9	14	8	9	ne.
1899	64.2	91	34	5.09	6	14	7	10	ne.
1900	67.6	95	33	3.65	9	13	7	11	ne.
1901	62.4	92	29	0.89	3	22	6	3	ne.
1902	63.2	95	30	4.40	7	19	5	7	ne.
1903	62.0	93	25	2.63	5	18	6	7	n.
1904	62.4	98	26	1.10	3	23	5	3	ne.
1905	64.2	93	29	1.97	6	15	6	10	ne.
1906	61.9	90	24	3.69	7	14	6	11	ne.
1907	61.2	91	28	0.73	3	19	7	5	ne.
1908	62.0	89	35	4.22	6	19	6	6	ne.
1909	61.2	96	27	2.43	5	23	5	3	ne.
1910	66.5	100	22	4.39	6	20	7	4	ne
1911	67.5	99	37	5.89	8	12	9	10	ne.
1912	65.0	94	32	2.21	5	18	4	9	ne.
1913	62.5	95	28	3.56	6	19	6	6	ne.
1914	64.7	92	26	3.44	8	13	7	11	ne.
1915	67.0	93	27	4.95	8	18	7	6	ne.
1916	64.0	92	31	2.54	5	16	7	8	ne.
1917	59.3	90	22	1.50	4	23	5	3	sw.
1918	67.3	93	33	3.75	5	15	8	8	ne.
1919	73.7	101	44	2.53	5	13	10	8	sw.
1920	64.1	92	25	0.76	2	24	4	3	ne
1921	62.6	90	27	1.79	4	21	4	6	ne.
1922	64.5	94	31	5.57	8	18	5	8	e.
1923	62.9	90	29	1.14	4	18	6	7	ne.
1924	62.2	89	28	1.50	2	23	3	5	ne.
Period	63.5	101	22	2.99	5	18	6	7	ne.

Daily Temperatures for October, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	70	71	78	78	80	82	83	83	74	74	77	80	82	80	79	83	84	85	86	86	65	60	64	67	62	61	61	65	70	77	76	74.9
	Minimum	44	45	43	57	62	60	52	58	58	51	47	50	50	49	50	49	49	52	54	50	55	50	38	39	46	50	51	52	49	46	49	50.2
Charleston	Maximum	67	73	77	78	81	81	78	80	71	69	74	77	79	71	73	76	78	78	77	77	65	60	61	65	63	65	66	69	75	74	70	72.5
	Minimum	53	54	62	67	68	67	66	67	62	59	59	61	59	63	59	60	63	64	64	63	53	45	46	50	55	57	58	55	58	55	57	59.0
Cheraw§§	Maximum	63	68	73	75	78	78	78	80	69	71	79	78	76	71	74	77	78	79	81	81	65	57	60	65	69	58	61	68	73	72	67	71.7
	Minimum	42	43	48	52	53	55	54	53	52	43	43	48	49	49	48	49	49	48	51	49	55	38	36	33	38	55	53	55	51	43	48	47.8
Conway	Maximum	69	74	79	79	80	82	81	84	73	72	76	80	82	75	77	80	83	83	86	81	69	64	68	65	62	74	67	76	76	74	74	75.3
	Minimum	46	45	53	59	59	58	55	59	55	49	50	50	50	53	49	49	50	52	57	53	56	38	39	39	42	51	58	56	52	45	49	50.8
Darlington §§	Maximum	68	73	78	80	84	84	85	85	72	73	77	81	83	77	80	84	85	87	84	85	63	60	62	68	67	58	62	68	76	80	71	75.5
	Minimum	43	44	49	54	56	57	54	54	54	45	44	49	48	52	49	47	49	50	50	49	55	37	36	35	39	47	51	55	52	44	48	48.3
Ferguson §§	Maximum	74	71	82	81	82	81	79	81	72	70	78	78	79	82	82	81	80	81	83	81	73	60	63	67	65	68	63	66	75	77	72	75.1
	Minimum	41	40	49	55	53	54	49	51	54	48	42	45	44	46	47	49	47	46	51	53	50	44	37	39	40	52	54	56	48	42	49	47.6
Florence 1	Maximum	71	77	81	82	84	88	87	87	75	78	81	85	87	81	82	87	87	89	88	89	66	64	67	72	6	58	63	68	78	80	75	78.2
	Minimum	43	45	48	57	58	59	57	57	54	47	46	50	50	53	50	49	50	54	54	52	56	37	36	35	37	48	52	55	53	57	48	49.9
Garnett	Maximum	71	76	84	79	85	86	82	83	76	71	77	82	84	82	80	82	84	83	.....	.....	66	63	65	69	63	62	61	72	77	80	77	[b]75.9
	Minimum	46	46	54	63	67	62	58	58	62	56	46	50	50	52	53	48	52	55	.....	.....	51	43	40	40	51	52	58	47	48	44	47	[b]51.7
Georgetown	Maximum	71	75	78	81	84	83	82	89	84	74	78	80	82	74	76	80	82	82	84	83	84	73	68	70	68	65	69	67	78	76	72	77.2
	Minimum	51	56	62	65	72	52	59	65	62	52	47	55	50	56	58	48	50	51	54	50	55	48	39	43	65	48	59	56	63	45	50	54.4
Kingstree	Maximum	70	75	79	78	84	84	89	81	79	74	75	81	82	77	78	81	84	80	85	85	72	62	64	68	63	62	64	66	75	78	73	75.8
	Minimum	45	45	54	58	60	60	55	58	56	50	45	50	50	56	50	47	49	51	54	52	55	38	38	37	43	51	56	56	52	44	49	50.5
Orangeburg 1	Maximum	67	72	77	80	82	83	81	83	75	73	76	80	81	78	77	83	82	83	86	84	66	59	63	71	73	58	62	65	74	77	71	74.9
	Minimum	45	44	52	58	63	59	55	56	50	50	46	49	49	54	51	49	49	51	52	51	54	39	39	38	47	51	55	54	49	46	44	50.0
Paris Island§§	Maximum	76	75	76	77	79	81	78	79	73	69	74	78	79	74	76	79	78	77	79	80	68	63	64	68	62	64	63	69	77	76	71	73.6
	Minimum	52	54	63	67	68	67	67	68	65	61	60	62	60	64	62	63	65	66	65	65	55	49	49	52	57	58	56	52	55	56	57	60.0
St. George	Maximum	70	76	82	81	84	81	81	82	.....	.....	.....	.....	.....	77	.....	82	85	85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80.5
	Minimum	45	45	48	56	61	62	57	58	59	52	46	49	50	53	52	49	50	53	55	51	48	40	40	39	43	52	55	58	50	45	46	50.5
Society Hill§§	Maximum	74	78	83	85	87	88	85	73	79	78	86	83	78	82	87	88	88	88	87	87	66	62	63	70	73	58	64	72	77	80	73	77.5
	Minimum	41	41	47	55	54	53	52	52	44	44	45	46	48	45	46	48	48	51	48	48	36	36	36	36	41	53	55	52	43	43	44	46.2
Summerville	Maximum	68	74	88	80	84	85	83	83	74	70	77	78	83	84	78	81	83	80	85	78	73	62	63	67	61	65	70	71	77	79	79	76.0
	Minimum	46	46	56	61	63	64	58	61	59	53	48	51	51	56	51	50	52	54	58	57	53	39	39	41	51	45	59	53	52	45	50	52.3
Wedgefield	Maximum	68	74	75	75	88	88	83	87	77	73	78	83	84	78	68	84	84	85	80	88	78	65	58	69	65	57	61	69	72	79	70	75.4
	Minimum	42	44	49	62	65	60	56	57	55	47	45	52	50	53	56	50	51	55	54	52	58	54	37	37	41	51	54	55	49	48	49	51.3
Yemassee	Maximum	70	74	81	78	84	84	82	82	74	70	77	81	82	80	78	82	82	80	84	82	70	62	65	68	61	62	61	72	76	79	76	75.5
	Minimum	45	44	55	62	65	61	58	58	63	55	47	49	50	53	51	47	52	53	55	51	52	41	40	38	48	51	58	48	48	44	49	51.3
Western Portion.																																	
Aiken	Maximum	66	71	76	78	79	82	81	81	78	72	75	79	82	80	77	78	83	80	85	84	81	63	59	64	64	61	61	69	73	74	71	74.4
	Minimum	46	46	54	60	58	57	56	56	61	50	47	51	51	52	55	49	53	53	55	50	54	41	38	37	54	51	55	49	48	46	50	51.1
Anderson	Maximum	65	70	70	73	79	80	81	80	71	71	74	79	83	80	80	80	82	84	82	87	73	55	61	65	63	59	63	70	75	75	74	73.7
	Minimum	39	44	47	57	57	58	58	57	58	48	49	49	52	54	57	57	53	53	55	51	50	39	37	40	48	50	50	48	45	47	48	50.2
Calhoun Falls§§	Maximum	68	75	76	78	82	83	83	84	73	76	78	78	84	82	81	82	82	86	83	85	68	58	61	67	64	50	60	67	75	76	68	74.6
	Minimum	36	37	39	48	56	51	52	51	53	44	42	45	45	45	51	48	49	45	46	44	45	36	35	33	37	42	48	43	42	40	41	44.2
Camden §§	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	47	46	46	48	55	58	55	55	51	48	46	46	48	47	50	48	48	49	50	48	48	39	36	36	40	45	53	46	50	44	42	47.5
Chester	Maximum	64	72	74	74	80	80	81	81	69	71	73	79	79	72	80	81	82	83	82	83	67	55	60	65	65	61	56	65	74	77	67	72.6
	Minimum	39	41	48	52	56	55	54	54	54	45	45	47	47	54	50	49	49	49	49	48	47	50	36	37	38	42	52	52	53	45	44	47.8
Clemson College	Maximum	64	73	74	76	79	81	82	84	80	85	76	79	82	76	78	79	78	80	80	83	78	69	62	61	65	64	.....	70	72	72	69	[a]75.0
	Minimum	36	41	44	54	53	54	54	54	52	45	41	45	53	56	54	52	51	48	47	46	51	37	32	33	58	50	51	43	41	42	47	47.3
Columbia	Maximum	66	71	76	77	80	81	82	82	70	72	75	79	83	76	77	81	82	84	84	82	64	57	61	66	64	56	59	65	74	75	68	73.2
	Minimum	45	45	53	58	61	59	60	59	56	50	48	51	53	56	56	55	55	55	56	53	49	40	39	39	45	52	55	55	51	49	50	51.9
Due West	Maximum	64	70	73	74	78	81	79	80	68	71	74	78	80	77	79	79	79	80	82	81	83	66	55	59	65	63	56	62	67	73	74	72.1
	Minimum	41	43	48	56	57	57	57	57	55	46	48	52	51	53	54	52	53	53	52	53	46	38	37	39	44	50	51	46	47	50	48	49.5
Greenville	Maximum	64	70	71	73	76	80	81	81	68	70	74	79	80	76	79	78	79	81	80	83	69	55	59	64	64	58	59	64	72	74	63	71.7
	Minimum	40	45	50	57	59	57	59	58	55	48	54	52	51	56	56	57	55	54	58	57	47	38	39	43	48	49	49	49	48	50	51	51.3
Greenwood	Maximum	61	68	72	72	76	77	77	78	72	67	71	75	78	74	76	78	78	80	80	78	76	58	58	64	62	58	58	60	60	72	65	70.3
	Minimum	41	45	47	55	56	56	56	57	57	46	45	50	52	53	55	54	55	54	55	54	58	39	35	37	41	51	51	48	49	49	49	50.0
Heath Springs	Maximum	66	68	73	74	76	81	81	80	75	72	74	79	78	73	77	78	82	85	83	83	80	76	80	74	62	62	63	74	75	75	72	75.2
	Minimum	39	40	47	53	55	58	57	58	52	43	43	50	54	51	51	53	56	57	55	57	45	35	34	34	40	40	40	49	50	50	47	48.2
Kershaw	Maximum	65	72	75	77	81	83	82	83	83	71	76	80	79	76	82	82	85	85	84	85	62	57	61	67	61	60	58	61	74	79	75	74.2
	Minimum	40	43	47	53	56	57	55	56	52	45	45	50	52	51	50	51	51	51	55	54	55	36	35	36	48	53	53	54	49	48	48	49.3
Landrum	Maximum	66	73	74	75	79	83	84	82	74	72	76	82	81	78	81	81	82	85	84	85	74	58	60	67	66	60	61	68	76	75	76	74.8
	Minimum	41	39	42	51	52	62	64	54	56	41	43	44	48	49	49	50	59	59	50	55	54	54	39	32	34	35	50	49	52	53	41	47.8
Laurens	Maximum	65	72	75	75	79	83	82	81	72	72	76	80	81	76	81	32	83	83	82	84	67	53	60	65	69	60	59	68	74	75	66	73.5
	Minimum	37	39	44	46	48	53	52	52	57	45	42	47	45	52	51	47	47	46	47	46	53	37	36	35	37	51	51	43	41	42	48	45.7
Liberty	Maximum	67	70	72	74	82	81	83	81	71	71	75	82	84	83	81	81	82	84	83	82	82	56	62	55	65	59	60	69	75	77	70	74.2
	Minimum	33	65	42	53	51	52	53	54	55	45	42	42	45	44	53	51	49	48	57	49	52	31	34	33	38	47	48	42	39	41	47	46.3
Little Mountain	Maximum	62	69	71	73	78	80	80	80	78	69	70	71	78	79	79	79	79	80	81	82	72	64	58	64	62	60	56	60	70	71	73	72.0
	Minimum	40	43	50	56	55	55	57	56	53	45	43	50	55	52	53	53	54	55	55	56	53	35	32	34	39	48	51	47	49	49	47	49.0
Newberry	Maximum	66	72	76	76	82	82	82	83	71	73	76	81	83	78	81	82	84	85	84	84	64	57	62	67	64	55	57	68	75	76	69	74.0
	Minimum	39	41	46	56	57	55	54	53	56	45	44	47	48	52	51	49	50	50	51	48	50	37	36	34	40	52	53	49	45	43	48	47.7
Saluda	Maximum	66	72	76	76	79	81	80	81	75	72	75	79	79	76	77	78	80	80	81	82	69	59	60	65	63	59	58	66	72	73	65	72.7
	Minimum	39	39	45	54	55	53	52	50	57	44	40	44	44	49	51	46	47	46	47	44	53	38	32	31	35	50	53	47	42	41	45	45.6
Santuck	Maximum	64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81	81	85	82	67	60	58	60	65	56	58	65	67	70	65	.....
	Minimum	36	37	41	51	52	50	51	51	55	38	36	41	43	48	50	45	45	45	44	43	52	34	31	28	32	51	53	51	40	40	45	43.8
Spartanburg	Maximum	65	73	75	75	80	82	83	83	69	72	77	81	80	75	81	81	81	84	83	82	63	55	60	65	65	57	58	66	73	74	63	72.9
	Minimum	37	37	43	49	54	53	56	55	56	44	45	48	47	49	50	52	51	49	50	48	54	36	35	36	39	44	50	48	46	45	47	46.9
Trenton	Maximum	68	72	76	76	81	83	82	82	72	74	76	84	82	80	80	82	83	85	85	87	87	60	62	67	63	60	56	68	74	78	87	75.9
	Minimum	41	43	53	52	52	56	66	56	58	48	48	52	62	54	53	50	53	54	53	52	52	39	37	39	46	50	54	47	48	49	49	50.5
Walhalla	Maximum	66	72	74	77	79	81	82	83	73	72	74	81	83	80	79	80	81	82	83	85	70	58	64	68	66	60	65	69	75	74	69	74.4
	Minimum	33	40	43	57	55	54	53	54	57	43	43	43	47	50	53	51	49	49	47	51	50	39	34	30	37	49	49	41	39	42	42	45.9
Winnsboro §§	Maximum	66	72	76	77	81	82	82	83	71	72	76	80	82	75	80	81	84	85	83	.....	.....	.....	.....	.....	66	65	56	.....	.....	74	76	[c]75.6
	Minimum	41	43	48	52	56	57	57	57	54	44	45	49	51	54	53	52	53	55	54	53	.....	.....	.....	.....	42	45	51	.....	.....	49	48	[c]50.5
Winthrop College	Maximum	60	75	78	77	82	85	85	84	74	78	75	81	82	79	83	81	85	84	85	84	71	56	60	62	67	60	63	68	74	75	78	75.2
	Minimum	39	42	47	57	53	55	54	67	51	50	42	48	50	52	49	55	52	54	55	53	53	36	34	35	35	50	52	55	45	48	50	49.0

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

WBO, Raleigh, 11-25-24—900

551.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., NOVEMBER, 1924. No. 11.

GENERAL SUMMARY.

Temperatures averaged somewhat above the normal; unusually mild weather during the first half of the month was followed by a sharp freeze on the 19th and again on the 26th. Precipitation was considerably below the average.

Three weeks of practically continuous dry weather enabled planters to house crops in good condition. Plant life was beyond danger of damage by the general freeze of the 19th. Generous rains on the 21st and 22d relieved the drought, softened the soil for further plowing, and aided winter cereal germination; small grain sowing continued, and considerable oat seeding was done during the month. The remaining cotton was being gleaned from the fields at the close of the month, and gin operations were materially reduced. Winter truck was in good condition generally; early winter cabbage was being cut, and lettuce was being set at the close of the month. Good apples were plentiful. The woods were generally bare by the 23d.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.15 inches. The highest pressure was 30.54 inches at Asheville, N. C., and at Columbia and Due West on the 26th; the lowest pressure was 29.52 inches at Charlotte, N. C., on the 22d, and in the Section proper, 29.53 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 42 stations, was 54.4°, or 0.6° above the normal. The highest temperature was 87° at Society Hill on the 13th. The warm periods were during the first 15 days and from the 21st to the 24th, inclusive. The lowest temperature was 21° at Clemson College on the 26th. The cool periods were from the 17th to the 20th, inclusive, and from the 25th to the close of the month. The line of first general autumn killing frosts extended nearly to the extreme lower coast on the 19th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 84%; noon, 55%; 8 p. m., 68%. The highest percentages occurred over the coastal sections and the lower Savannah drainage area, and the lowest, in the central and northern counties.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 1.35 inches, or 0.90 inch below the normal. Precipitation was generally below normal, with amounts below 2 inches in most sections, and the rainfall was confined principally to one short period. The greatest local monthly amount was 2 95 inches at Edgefield; least local monthly amount, 0.15 inch at Georgetown. The greatest amount during any 24 hours was 2.95 inches at Edgefield on the 21st. The rainy days were 60% below the average. There was no snowfall.

A severe wind squall in the vicinity of Ward, Saluda County, about 10:30 p. m. on the 21st caused approximately $5,000 damage to residences, tenant houses, out-buildings, and timber.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 6.2 miles. The highest average velocity was 11.0 miles per hour at Savannah, Ga., and in the Section proper, 9.3 miles per hour at Charleston; the lowest average was 4.5 miles per hour at Augusta, Ga., and in the Section proper, 5.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 39 miles per hour from the southwest Columbia on the 21st.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 245.9 hours, or 79% of the possible amount. The average number of clear days was 23; partly cloudy, 4, and cloudy, 3, as against normals of 17, 6, and 7 days, respectively.

RIVER CONDITIONS.

On account of prolonged dry weather, the rivers of the Section were uniformly low throughout the month, except a fair rise in the Santee River after the rains of the 21st-22d, with a crest stage of 12.0 feet at Rimini on the 24th. The Pee Dee River was also fairly high at Mars Bluff on the 26th and 27th.

MISCELLANEOUS PHENOMENA (dates).

Frost, killing or freezing temperatures.—Additional number of stations reporting: 19th, 30; 20th, 3.

Hail.—Trenton, 22.

Halos—Lunar: Due West, 6; Paris Island, 4. *Solar:* Columbia, 20; Due West, 20, 30; Greenville, 20, 30; Santuck, 20.

MISCELLANEOUS DATA FOR NOVEMBER, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.16	47.8	73	21	0.41	0.41	8.6	se.	84	48	59	73
Augusta, Ga.....	30.16	56.0	82	31	1.16	1.08	4.5	nw.	89	65	76	84
Charleston, S. C...	30.15	58.8	80	34	0.72	0.50	9.3	n.	86	65	78	82
Charlotte, N. C ...	30 14	52.2	79	26	1.37	1.23	4.9	sw.	82	51	60	76
Columbia, S. C....	30.16	55.6	82	30	0.95	0.95	5.9	ne.	84	52	60	79
Due West, S. C....	30.18	52.5	80	28	1.67	1.19	8.0	sw.	85	52	....	78
Greenville, S. C...	30.13	52.2	77	28	0.81	0.74	6.9	sw.	78	54	61	83
Savannah, Ga.....	30.15	59.6	81	32	0.48	0.27	11.0	w.	81	56	73	78
Wilmington, N. C.	30.16	56.4	81	30	1.34	0.91	6.4	n.	84	56	73	76
Means and extremes.....	30.15	54.6	82	21	0.99	1.23	6.2	sw.	84	55	68	79

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JUN 22 1925
UNIVERSITY OF ILLINOIS

Climatological Data for November, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	57.0	+1.4	85	14	28	26	40.	1.00	−1.00	1.00	0	1	27	2	1	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	58.8	+0.7	80	15	34	30	24	0.72	−2.15	0.50	0	3	19	4	7	n.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	52.5	+0.3	81	15	25	20	41	2.16	+0.04	1.98	0	2	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	34	56.2	+2.0	83	†14	28	20	41	0.80	−1.41	0.51	0	2	19	3	8	ne.	Paul Quattlebaum.
Darlington††	Darlington	175	29	54.2	+1.5	85	14	26	†20	46	1.26	-0.83	1.26	0	1	25	1	4	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	1.30	−0.80	1.30	0	1	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	38	55.8	+0.7	82	14	25	26	40	0.70	−1.47	0.70	0	1	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	42	56.6	+2.7	86	8	27	19	41	1.31	−0.78	1.12	0	3	23	6	1	ne.	H. K. Gilbert.
Florence 2	....do	136	9	.....	.....	.....	.....	.....	.....	.....	1.15	−0.94	1.15	0	1	22	4	4	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	57.2	.....	84	8	26	26	45	0.55	.....	0.37	0	2	23	6	1	sw.	Mamer B. Robert.
Georgetown	Georgetown	18	31	57.8	+1.7	83	†14	28	20	45	0.15	−2.20	0.15	0	1	27	2	1	ne.	A. P. Huzard.
Kingstree	Williamsburg	54	42	55.6	+0.9	84	† 6	28	20	41	1.10	-0.95	0.80	0	2	23	0	7	w.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	1.19	.....	1.19	0	1	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	8	55.6	.....	82	14	29	†19	38	1.00	.....	0.97	0	2	25	1	4	w.	U.S. Fisheries Station.
Paris Island	Beaufort	13	43	60.0	+1.3	83	14	37	†19	26	0.57	−1.74	0.57	0	1	19	5	6	ne.	U.S. Naval Aerological Sta.
Pinopolis††	Berkeley	54	77	53.9	−0.5	76	† 5	30	†20	.....	1.20	−1.24	0.75	0	2	20	5	5	se.	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	1.10	−0.50	1.10	0	1	..	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	[d]56.8	+1.2	[d]82	† 6	[d]29	†20	[d]39	0.68	−1.20	0.60	0	2	21	4	5	.....	R. L. Utsey.
Society Hill	Darlington	192	33	[e]53.2	+1.0	[e]87	13	[e]25	†19	[e]44	1.78	−0.59	1.78	0	1	26	2	2	w.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	57.0	+1.4	83	† 6	30	†19	44	1.10	−1.18	0.70	0	2	20	8	2	ne.	D. P. Dehon.
Wedgefield	Sumter	249	34	56.1	+2.2	83	† 8	26	19	42	1.50	−0.72	1.50	0	1	27	0	3	w.	W Hampton Ramsey.
Yemassee	Hampton	24	35	57.0	+1.5	83	14	27	26	42	0.65	−1.41	0.65	0	1	26	1	3	w.	W. C. Hutson.
Division means and extremes		.....	....	56.1	+1.4	87	13	25	†19	46	1.04	−1.09	1.98	0	2	23	3	4	ne.	
Western Portion.																				
Aiken	Aiken	527	62	55.9	+1.8	80	14	29	26	31	1.37	−1.20	1.16	0	2	17	4	9	ne.	Frank B. McCoy.
Anderson	Anderson	764	31	53.9	+1.1	82	14	29	†19	31	0.86	-1.84	0.51	0	3	25	1	4	w.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	1.56	−0.70	1.38	0	3	....	....	....	.....	Esther B. Owens.
Calhoun Falls	Abbeville	508	25	51.1	.....	83	14	23	26	40	1.17	−1.24	0.85	0	3	19	5	6	w.	L. M. Parker.
Camden	Kershaw	222	74	55.0	+3.0	84	† 9	28	†20	41	1.90	−0.45	1.90	0	1	23	0	7	ne.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	1.80	−0.60	1.70	0	2	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	1.35	−0.86	1.25	0	2	....	....	....	.....	George V. Champ.
Chester	Chester	487	2	51.8	.....	78	14	25	26	41	0.75	.....	0.30	0	3	19	4	7	ne.	J. C. Cornwell.
Clemson College	Oconee	850	32	52.5	+1.8	82	15	21	26	41	0.57	−2.17	0.57	0	1	24	2	4	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	55.6	+1.6	82	14	30	30	30	0.95	−1.28	0.95	0	2	24	4	2	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	10	52.5	−1.1	80	14	28	19	30	1.67	−0.19	1.19	0	3	25	3	2	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	2.95	+0.83	2.95	0	1	....	....	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	1.09	−1.59	1.04	0	2	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	52.2	+2.6	77	14	28	30	28	0.81	−2.29	0.74	0	2	25	2	3	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	53.4	+1.4	80	15	27	†26	39	2.15	−0.54	1.75	0	3	26	0	4	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	53.9	+2.0	80	14	25	19	41	1.93	−0.26	1.87	0	2	19	8	3	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	53.8	.....	83	14	25	19	41	1.93	.....	1.91	0	2	23	0	7	w.	John W. Hamel.
Landrum	Spartanburg	1063	9	52.0	.....	81	14	22	19	36	1.00	.....	0.72	0	2	20	8	2	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	51.9	.....	83	14	23	†26	37	1.88	.....	1.32	0	3	22	7	1	s.	L. G. Rolf.
Liberty	Pickens	900	24	52.3	+1.4	79	15	22	26	40	0.55	−2.28	0.55	0	1	22	3	5	w.	O. F. Boggs.
Little Mountain	Newberry	711	31	54.6	+0.7	79	14	25	19	37	2.44	+0.08	2.31	0	2	24	3	3	s.	Miss Alberta Sease.
Newberry	Newberry	502	20	53.9	+1.6	81	14	26	26	38	1.86	−0.70	1.55	0	4	19	6	5	w.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	0.76	−1.81	0.52	0	2	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	52.8	+0.1	79	14	23	26	38	1.67	−0.69	1.52	0	3	22	6	2	sw.	W. S. Crout.
Santuck	Union	512	31	50.8	−0.4	82	14	22	26	38	2.63	−0.11	2.32	0	3	21	6	3	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	50.9	+0.2	79	14	24	26	40	1.20	−1.63	1.10	0	2	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	31	56.3	+1.3	82	14	29	19	35	2.63	+0.25	2.40	0	3	25	2	3	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	50.7	−0.1	81	14	22	26	43	0.85	−2.03	0.59	0	2	21	7	2	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	30	[b]53.6	+0.7	[b]79	8	[f]27	19	[b]30	2.41	+0.32	2.33	0	2	25	2	3	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	24	53.2	+1.5	81	14	24	19	40	2.55	+0.36	1.90	0	3	23	4	3	n.	W. T. Clawson.
Division means and extremes		.....	....	53.1	+0.8	84	† 9	21	26	43	1.57	−0.94	2.95	0	2	22	4	4	w.	
Section means and extremes		.....	....	54.4	+0.6	87	13	21	26	46	1.35	−0.90	2.95	0	2	23	4	3	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville.
T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for November, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto																					1.00											
Charleston ***	Coast										T.	.01										T.	.50		.21								1.00
Cheraw ‖‖	Pee Dee																						1.98			.18							0.72
Conway ‖‖	Waccamaw																						.51			.29							2.16
Darlington ‖‖	Pee Dee																						1.26										0.80
Ellingham ‖‖	Lynches																						1.30										1.26
Ferguson ‖‖	Santee																						.70			.14							1.30
Florence 1 ‖‖	Pee Dee											.05											1.12										0.70
Florence 2 ‖‖	....do											T.											1.15										1.31
Garnett	Savannah											T.										T.	.37		.18								1.15
Georgetown	Coast																						.15										0.55
Kingstree ‖‖	Black																						.80			.30							0.15
Mars Bluff	Pee Dee																						1.19										1.10
Orangeburg	Edisto																		T.				.97		.03								1.19
Paris Island	Coast																								.57								1.00
Pinopolis	Cooper																					.75				.45							0.57
Rimini ‖‖	Santee											T.											1.10										1.20
St. George	Edisto																						.60			.08							1.10
Society Hill ‖‖	Pee Dee																					1.78											0.68
Summerville	Ashley																						.70		.40								1.78
Wedgefield	Wateree																						1.50										1.10
Yemassee ‖‖	Ashepoo																						.65										1.50
																																	0.65
Western Portion.																																	
Aiken	Edisto																					.21	1.16										
Anderson	Savannah																					.15	.51		.20								1.37
Blairs ‖‖	Broad																						1.38		.14	.04							0.86
Calhoun Falls ‖‖	Savannah																						.85		.25	.07							1.56
Camden ‖‖	Wateree																						1.90										1.17
Catawba ‖‖	Catawba																						1.70		.10								1.90
Chappells ‖‖	Saluda																						1.25		.10								1.80
Chester	Broad																					.30	.15		.30								1.35
Clemson College	Savannah																						.57										0.75
Columbia ***	Congaree																					.30	.65		T.								0.57
Due West ***	Savannah																	T.	T.			1.17	.02		.48								0.95
Edgefield ‖‖	Savannah																						2.95										1.67
Easton Shoals ‖‖	Broad																						1.04		.05								2.95
Greenville ***	Saluda																					.74			.07								1.09
Greenwood ‖‖	....do																						1.75		.15	.25							0.81
Heath Springs	Wateree																					1.87			.06								2.15
Hershaw ‖‖	Lynches																						1.91			.02							1.93
Landrum	Broad																					.28	.72										1.93
Laurens	Saluda																					.15	1.32		.41								1.00
Liberty	Savannah																					T.	.55		T.								1.88
Little Mountain	Saluda																					.10	2.34										0.55
Newberry	Saluda																					.12	1.55		.17								2.44
Pelzer ‖‖	.....do																	.02					.52		.24								1.86
Pinda	.....do																	T.				.11	1.52		.04								0.76
Pontuck	Broad																	T.				.22	2.10		.31								1.67
Spartanburg ‖‖	.....do																						1.10		.10								2.63
Trenton	Edisto																					.15	2.40		.08								1.20
Walhalla	Savannah																					.59	.26										2.63
Winnsboro ‖‖	Broad																						2.33		.08								0.85
Winthrop College	Catawba																					.30	1.90		.35								2.41
																																	2.55

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
7	52.3	78	18	0.82	4	.....	.....	.....	nw.
8	52.7	82	22	2.77	8	.....	.....	.....	.....
9	54.8	84	18	3.84	6	.....	.....	.....	w.
0	58.4	.....	.....	0.64	.....	.....	.....	.....	.....
1	51.9	82	15	2.48	.....	.....	.....	.....	ne.
2	53.9	86	14	1.96	.....	.....	.....	.....	sw.
3	52.9	87	15	2.11	5	14	8	8	ne.
4	52.3	83	17	2.02	4	18	7	5	nw.
5	54.4	88	21	2.35	6	12	8	10	ne
6	59.1	90	26	4.00	7	12	8	10	ne.
7	55.3	88	23	1.99	5	16	7	7	sw.
8	51.0	82	14	4.72	10	14	6	10	ne.
9	55.0	86	22	2.41	5	16	6	8	ne.
0	55.6	92	22	3.32	6	13	8	9	sw.
1	48.2	85	17	1.01	5	21	4	5	n.
2	59.2	89	22	3.80	6	13	7	10	ne.
3	50.9	86	10	1.40	5	14	8	8	n.
4	51.6	80	22	2.78	6	17	6	7	w.
5	54.5	90	21	1.31	3	17	6	7	sw.
6	53.8	89	20	0.96	3	18	8	4	ne.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1907	52.2	87	24	4.13	10	12	7	11	ne.
1908	56.6	88	24	1.60	3	16	10	4	sw
1909	58.3	88	20	0.97	3	18	9	3	sw.
1910	51.1	85	24	1.04	4	20	6	4	w.
1911	51.2	83	19	3.30	8	13	7	10	ne.
1912	52.1	84	17	2.71	4	22	4	4	w.
1913	53.5	89	18	1.79	2	21	5	4	w.
1914	52.4	86	17	3.33	6	19	4	7	w.
1915	56.3	88	24	2.36	4	22	4	4	w.
1916	54.5	88	17	1.21	4	18	5	7	ne.
1917	50.4	83	16	0.82	4	21	4	5	ne.
1918	53.0	86	26	3.13	7	18	3	9	ne.
1919	56.6	92	20	0.86	3	18	6	6	ne
1920	52.3	87	18	3.62	6	18	4	8	ne.
1921	56.9	86	24	3.11	7	13	6	11	w
1922	54.8	88	17	0.61	3	20	5	5	ne.
1923	51.1	82	21	2.79	6	16	5	9	ne.
1924	54.4	87	21	1.35	2	23	4	3	w.
Period	53.8	92	10	2.25	5	17	6	7	ne.

Daily Temperatures for November, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	75	79	80	76	81	82	83	84	75	58	68	70	82	85	84	68	66	55	55	58	69	70	69	67	55	60	68	65	69	60	....	70.5
	Minimum	47	49	48	45	48	49	50	55	50	47	48	49	50	52	57	45	40	39	30	30	43	44	45	47	35	28	35	35	36	29	....	43.5
Charleston	Maximum	72	76	67	77	76	76	76	76	66	61	66	72	75	78	80	66	59	57	55	60	68	66	66	70	56	57	67	63	52	56	....	67.1
	Minimum	56	55	57	57	56	60	64	63	55	52	54	55	57	56	61	51	46	40	35	43	53	46	42	50	42	39	45	48	39	34	....	50.4
Cheraw§§	Maximum	70	77	64	73	74	76	75	77	62	57	72	72	74	81	79	66	55	46	53	63	66	52	66	61	55	55	65	64	48	55	...	65.1
	Minimum	45	43	47	39	45	45	48	46	52	48	45	45	48	46	52	36	33	38	26	25	34	45	37	52	32	25	28	36	32	25	....	39.9
Conway	Maximum	75	78	78	80	80	81	77	81	71	63	68	79	77	83	83	76	60	51	56	66	73	68	66	72	60	58	69	62	52	58	....	70.0
	Minimum	48	46	47	41	47	49	49	49	55	50	51	47	48	48	52	42	38	38	29	28	30	50	34	48	39	30	32	37	33	27	....	42.3
Darlington§§	Maximum	76	80	72	76	79	81	79	84	68	58	68	80	80	85	83	66	60	46	57	64	71	60	67	62	58	58	68	63	50	58	....	68.6
	Minimum	44	45	44	39	45	47	47	46	50	49	47	46	48	46	50	37	35	37	27	26	34	43	33	40	35	26	29	36	34	27	....	39.7
Ferguson§§	Maximum	75	77	73	75	78	80	78	81	74	57	65	77	80	82	81	71	61	74	63	70	70	70	65	64	61	67	67	67	62	58	....	70.8
	Minimum	45	42	44	40	45	47	45	49	50	45	50	44	47	49	52	41	34	36	43	27	33	49	43	40	30	25	32	33	32	30	....	40.7
Florence 1	Maximum	78	80	84	78	81	84	82	86	71	58	73	81	82	86	85	80	64	47	58	64	64	69	67	66	63	61	71	65	54	58	....	71.3
	Minimum	47	47	46	42	47	50	52	50	53	49	48	48	49	51	55	44	39	39	27	28	31	33	34	49	39	29	35	38	29	29	....	41.9
Garnett	Maximum	77	79	79	73	81	82	77	84	76	67	65	80	82	82	82	70	67	64	60	67	75	69	67	71	55	61	70	62	51	61	....	71.2
	Minimum	49	46	44	47	48	48	51	56	52	50	53	49	49	48	51	50	35	38	31	30	45	49	37	51	34	26	36	36	32	29	....	43.3
Georgetown	Maximum	76	79	80	81	82	81	78	80	75	73	68	76	79	83	83	80	64	54	57	66	73	68	68	74	62	61	72	65	55	61	....	71.8
	Minimum	49	46	47	46	42	50	52	52	52	46	52	47	48	48	55	43	37	39	31	28	39	55	50	52	31	29	36	40	39	29	....	43.7
Kingstree	Maximum	75	79	74	79	80	84	84	84	68	57	60	74	73	77	78	69	65	57	52	63	64	67	63	62	58	60	71	67	57	58	....	68.6
	Minimum	47	45	47	41	45	50	50	58	55	49	49	47	49	49	53	42	35	40	31	28	40	41	35	48	39	30	33	37	38	28	....	42.6
Orangeburg 1	Maximum	73	78	74	74	80	81	78	81	69	64	67	77	79	82	81	78	63	55	56	65	67	66	65	65	55	55	68	62	55	59	....	69.1
	Minimum	43	45	45	44	46	47	49	48	51	47	50	46	49	48	52	43	38	37	29	29	39	49	37	51	40	30	34	35	33	30	....	42.1
Paris Island§§	Maximum	73	74	71	74	77	80	79	78	73	58	61	76	78	83	81	66	63	58	58	63	70	64	66	69	54	58	69	61	49	58	....	68.1
	Minimum	58	56	58	58	58	62	64	65	57	58	56	56	59	57	60	54	52	42	37	47	53	49	47	50	41	39	46	47	40	37	....	51.9
St. George	Maximum	71	71	77	76	78	82	80	....	....	78	64	79	80	82	80	78	72	54	59	68	69	62	67	68	....	61	70	68	50	....	....	[d]70.9
	Minimum	49	49	48	44	46	49	50	50	....	....	49	48	48	49	50	50	48	36	30	29	30	45	36	38	38	....	29	38	33	....	....	[d]42.7
Society Hill§§	Maximum	82	73	77	82	83	83	....	85	58	70	80	79	87	82	....	59	44	57	63	71	60	63	58	58	67	....	62	50	56	46	....	[e]68.0
	Minimum	43	47	38	38	44	44	46	....	47	47	45	45	50	48	....	36	32	35	25	26	38	35	33	....	....	30	....	37	26	27	....	[e]38.5
Summerville	Maximum	78	78	75	80	81	83	80	82	75	59	63	78	78	83	83	67	64	55	58	73	68	66	68	74	61	61	74	61	53	60	....	70.6
	Minimum	50	46	46	43	49	50	53	54	53	49	51	49	48	49	55	45	37	40	30	30	42	43	35	49	36	30	37	39	34	28	...	43.3
Wedgefield	Maximum	77	76	74	75	80	80	79	83	71	64	69	78	82	83	82	72	60	58	54	66	68	63	66	64	55	56	66	62	48	58	....	69.0
	Minimum	47	49	49	46	47	49	49	52	52	43	48	47	50	53	57	42	42	37	26	32	42	48	36	53	36	29	33	38	38	28	....	43.3
Yemassee	Maximum	76	79	78	76	81	81	80	82	72	65	65	79	81	83	82	73	67	60	59	68	72	66	67	72	55	62	69	64	51	62	...	70.9
	Minimum	49	47	46	45	47	48	52	53	52	49	50	49	49	51	54	48	37	37	29	30	43	49	40	48	36	27	35	38	33	26	....	43.2
Western Portion.																																	
Aiken	Maximum	73	76	73	74	76	78	77	76	73	66	65	74	77	80	76	73	62	59	56	61	62	59	66	63	59	53	61	59	54	60	....	67.4
	Minimum	48	46	56	49	47	47	50	49	52	50	50	48	53	49	51	50	41	40	34	32	44	47	40	50	38	29	33	35	43	32	....	44.4
Anderson	Maximum	74	79	74	71	71	74	77	78	62	56	65	75	77	82	74	68	63	55	57	63	57	59	62	62	52	53	48	59	45	55	....	64.9
	Minimum	48	49	46	46	44	48	56	55	51	48	49	48	51	55	58	40	39	38	29	33	46	43	37	47	32	28	30	32	31	29	....	42.9
Calhoun Falls§§	Maximum	73	78	76	70	72	74	77	81	64	56	61	76	80	83	75	69	65	57	58	63	62	58	62	62	53	55	54	60	47	58	....	66.0
	Minimum	43	43	39	39	41	40	40	44	48	46	44	43	46	48	48	35	33	31	26	24	25	41	32	34	29	23	24	24	28	26	....	36.2
Camden§§	Maximum	80	78	82	80	80	80	83	81	81	60	72	74	79	84	80	67	69	54	60	69	70	67	70	62	62	66	67	63	56	57	....	71.2
	Minimum	45	40	43	44	40	46	46	46	47	47	48	44	43	48	47	39	36	36	29	28	30	40	34	37	32	28	28	35	33	28	....	38.9
Chester	Maximum	72	76	71	73	75	74	75	77	66	58	65	73	75	78	76	62	60	49	49	63	60	60	63	61	50	40	48	49	48	54	....	63.3
	Minimum	46	44	43	44	43	46	52	47	59	46	44	43	49	47	52	35	35	34	26	29	39	45	33	48	30	25	29	29	34	29	....	40.2
Clemson College	Maximum	72	77	71	72	71	74	75	76	76	58	63	72	75	81	82	80	79	66	54	63	61	59	64	61	57	51	49	59	54	56	....	66.9
	Minimum	48	42	39	38	39	43	44	47	45	48	50	45	45	48	42	45	33	38	26	26	38	42	36	42	30	21	24	22	28	28	....	38.1
Columbia	Maximum	73	77	72	76	77	78	78	79	66	56	66	76	79	82	79	65	60	49	56	63	67	58	65	60	53	58	64	62	47	57	....	66.4
	Minimum	49	50	50	50	55	55	55	55	51	48	50	48	53	54	55	44	41	33	30	33	48	44	38	46	36	30	36	40	34	30	....	44.7
Due West	Maximum	72	76	71	69	70	74	75	76	60	56	63	74	75	80	74	65	60	52	54	61	59	56	62	59	49	51	51	57	45	55	....	63.4
	Minimum	48	50	48	44	47	48	55	50	49	48	48	49	53	52	49	39	36	33	28	31	46	40	36	41	32	29	30	30	30	29	....	41.6
Greenville	Maximum	72	76	68	72	70	72	72	74	62	55	63	70	73	77	73	64	58	49	52	61	58	55	61	61	50	48	46	55	43	53	....	62.1
	Minimum	50	48	51	49	46	52	55	53	48	47	47	46	54	50	49	38	37	33	29	34	44	43	38	42	32	29	32	31	31	28	....	42.2
Greenwood	Maximum	68	69	68	70	70	70	74	74	75	61	56	63	73	75	80	75	65	56	53	54	61	61	60	62	58	50	53	53	57	56	....	64 0
	Minimum	49	51	50	52	49	51	52	51	51	49	47	47	51	52	55	41	37	38	28	31	38	44	37	52	33	27	27	31	32	32	....	42.8
Heath Springs	Maximum	72	74	74	73	75	74	74	75	70	70	62	74	76	80	78	74	73	66	59	54	57	56	62	60	54	56	55	56	49	53	....	66.2
	Minimum	49	57	46	48	47	50	52	53	47	43	42	43	42	52	54	37	37	36	25	28	35	46	35	51	34	32	32	29	38	28	....	41.6
Kershaw	Maximum	75	77	71	74	79	78	79	80	63	52	69	74	78	83	78	78	59	46	55	63	59	61	65	60	53	54	61	58	46	55	....	66.1
	Minimum	47	50	43	46	45	47	47	49	49	44	43	46	52	53	52	48	38	37	33	25	34	42	44	34	48	33	27	30	35	32	27	41 4
Landrum	Maximum	78	80	70	76	73	75	76	75	75	55	63	72	76	81	76	63	60	58	56	57	58	57	64	61	54	50	47	57	50	54	....	64.7
	Minimum	47	46	46	41	41	46	48	47	40	44	48	40	49	54	52	43	45	37	22	29	39	37	35	45	34	24	24	28	31	21	....	39.4
Laurens	Maximum	72	77	73	73	73	76	77	79	61	56	64	76	78	83	73	65	61	50	55	63	59	58	64	62	53	53	54	56	46	48	....	64.6
	Minimum	45	44	44	40	39	42	50	46	50	49	46	44	46	47	54	36	32	38	26	27	39	42	36	48	29	23	26	23	33	33	....	39.2
Liberty	Maximum	75	79	74	70	72	75	75	76	70	56	64	74	75	67	79	71	61	54	55	61	56	57	65	60	53	51	51	58	49	54	....	64.7
	Minimum	46	42	57	53	40	48	61	45	47	44	46	43	48	49	47	34	31	35	34	30	41	41	35	42	30	22	27	27	28	25	....	39.2
Little Mountain	Maximum	74	75	69	73	74	74	75	76	71	65	63	74	74	79	77	73	69	53	53	62	59	63	62	60	58	52	59	58	56	54	....	66.1
	Minimum	46	52	57	49	52	53	54	52	48	45	45	45	45	54	55	50	38	33	25	35	46	43	35	35	34	30	36	34	39	26	....	43.[illegible]
Newberry	Maximum	74	78	73	74	74	78	79	80	68	57	67	77	78	81	77	65	62	57	56	63	61	61	64	62	52	54	59	60	47	56	....	66.5
	Minimum	46	46	41	46	46	48	53	49	49	47	47	44	48	51	54	39	34	40	27	29	43	43	35	48	32	26	31	32	35	30	....	41.3
Saluda	Maximum	71	75	71	73	72	75	76	76	67	60	64	73	76	79	77	70	60	54	54	60	63	61	62	60	55	52	58	57	51	55	....	65.2
	Minimum	43	44	40	46	42	45	48	45	49	47	49	41	46	48	55	42	32	37	28	27	38	47	36	54	32	23	28	33	35	29	....	40.4
Santuck	Maximum	70	78	63	70	70	74	75	78	66	58	68	76	78	82	76	65	60	50	56	62	56	56	63	61	53	53	55	58	48	55	....	64.4
	Minimum	43	41	36	38	38	40	47	46	48	48	44	41	44	45	47	34	32	38	23	24	34	46	31	47	29	22	25	26	33	25	....	37.2
Spartanburg	Maximum	72	78	69	73	73	75	76	76	57	55	61	72	74	79	75	62	69	47	54	62	58	54	63	60	49	50	48	55	43	54	....	63.1
	Minimum	46	46	43	43	41	45	45	50	49	46	48	42	44	51	51	35	38	36	25	26	31	46	33	42	30	24	25	27	28	25	....	38.[illegible]
Trenton	Maximum	75	78	75	77	75	79	80	81	67	59	68	78	79	82	79	69	65	56	56	64	68	60	64	69	54	56	58	61	47	57	...	67.[illegible]
	Minimum	50	53	57	50	48	50	61	51	57	47	49	49	55	53	57	46	36	41	29	33	45	45	38	52	33	30	34	35	33	30	....	44.[illegible]
Walhalla	Maximum	72	80	74	73	70	75	75	76	68	58	62	72	75	81	74	67	62	56	56	63	50	56	65	60	54	50	49	59	51	59	....	64.[illegible]
	Minimum	45	42	39	39	37	44	49	45	40	44	47	43	46	50	47	31	31	33	24	26	36	37	33	43	24	22	25	25	27	27	....	36.[illegible]
Winnsboro§§	Maximum	72	77	71	75	76	77	78	79	62	....	51	76	....	....	....	....	....	....	....	....	63	61	58	64	60	52	54	60	58	46	55	....	[b]64.[illegible]
	Minimum	49	50	48	49	51	52	54	52	49	46	47	45	50	....	....	....	....	....	27	....	35	46	36	37	34	30	33	34	36	29	....	[f]42.[illegible]
Winthrop College	Maximum	74	77	75	75	76	77	77	79	70	57	66	76	78	81	75	63	58	48	55	61	60	58	54	61	51	58	57	56	47	53	....	65.
	Minimum	47	45	46	54	49	50	52	54	49	47	42	46	49	50	52	35	36	34	24	32	44	43	33	48	31	25	29	32	33	27	....	41.

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

WBO, Raleigh, 12-22-24—900

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., DECEMBER, 1924. No. 12.

GENERAL SUMMARY.

The month averaged somewhat warmer than usual, with abnormal heat of 18° to 24° per day on the 7th and 8th and on the 17th, 18th, and 19th; during the latter period, maximum temperature records were equaled or broken at several stations. Precipitation was much above normal.

Notwithstanding several abnormally warm periods, thermal conditions were generally favorable for germination of wheat, oats, and rye, which had come to good stands by the close of the month. There was ample soil moisture. Practically all cotton was gleaned from the fields during the first week. Considerable hog killing was done during the cold period of the latter part of the month. Winter cabbage, spinach, and lettuce in the trucking regions maintained about normal growth. Native apples were generally plentiful.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.23 inches. The highest pressure was 30.79 inches at Asheville, N. C., on the 21st, and in the Section proper, 30.72 inches at Columbia on the same date; the lowest pressure was 29.56 inches at Charlotte, N. C., on the 13th, and in the Section proper, 29.60 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 42 stations, was 47.6°, or 1.0° above the normal. The highest temperature was 86° at Blackville on the 7th. The warm period was from the 4th to the 20th. The lowest temperature was 12° at Landrum on the 22d. The cold periods were from the 1st to 3d and from the 21st to the 30th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 63%; 8 p. m., 72%. The highest percentages occurred on the coastal plain, and the lowest, over the extreme northwestern counties.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 5.54 inches, or 2.07 inches above the normal. Precipitation was general in three periods, and the bulk of the month's rainfall occurred between the 5th and 10th, from the 23d to the 25th, and at the close of the month. The rainfall was fairly well distributed, with 4 to over 9 inches in most of the Section, and less than 3 inches along the central coast and in Spartanburg County. The greatest local monthly amount was 9.58 inches at Aiken, and the least local monthly amount was 2.93 inches at Charleston. The greatest amount during any 24 hours was 3.20 inches at Trenton on the 24th and 25th. The average number of rainy days was about normal. Snow flurries occurred at Columbia on the 25th and at Landrum on the 23d.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.8 miles. The highest average velocity was 11.7 miles per hour at Savannah, Ga., and in the Section proper, 10.5 miles per hour at Charleston; the lowest average was 5.2 miles per hour at Augusta, Ga., and in the Section proper, 5.3 miles per hour at Columbia. The highest velocity for any 5-minute period was 38 miles per hour from the west at Greenville on the 8th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 158.4 hours, or 51% of the possible amount. The average number of clear days was 13; partly cloudy, 5, and cloudy, 13, as against normals of 14, 6, and 11 days, respectively.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in the Congaree River and upper streams after the rains of the 8-9th and 23d-25th. The Saluda River was in flood on the 25th. The Santee River was in moderate flood at Rimini or Ferguson from the 11th to the 22d, inclusive, and again on and after the 26th.

MISCELLANEOUS PHENOMENA (dates).

Hail.—Due West, 31.

Sleet.—Charleston, 21; Cheraw, 22; Darlington, 22; Due West, 23; Garnett, 21; Greenville, 23; Landrum, 23, 24; Liberty, 23; Little Mountain, 22; Paris Island, 21; Summerville, 22; Walhalla, 23.

Halos—Lunar: Charleston, 19; Columbia, 7; Due West, 2, 3, 7, 9, 10, 11, 12, 13; Greenville, 9, 10; Santuck, 3, 10; Walhalla, 2, 9, 10. *Solar:* Due West, 9, 12, 14; Greenville, 9, 13, 20, 26.

MISCELLANEOUS DATA FOR DECEMBER, 1924.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.24	40.8	78	13	4.03	1.94	8.9	nw.	78	53	63	54
Augusta, Ga.	30.23	50.4	79	26	7.11	2.47	5.2	nw.	82	68	74	51
Charleston, S. C.	30.22	52.8	78	28	2.93	0.88	10.5	ne.	84	73	82	53
Charlotte, N. C.	30.22	44.1	75	19	4.33	2.00	5.7	sw.	76	58	62	51
Columbia, S. C.	30.24	49.0	79	24	6.37	2.70	5.3	ne.	81	61	68	53
Due West, S. C.	30.24	44.8	74	20	5.81	2.03	8.6	ne.	77	58	...	48
Greenville, S. C.	30.23	44.4	75	21	5.84	2.04	6.6	sw.	75	62	68	59
Savannah, Ga.	30.22	54.1	80	30	3.44	1.82	11.7	ne.	84	69	76	48
Wilmington, N. C.	30.24	50.0	79	24	3.32	0.99	7.7	n.	85	68	81	46
Means and extremes	30.28	47.8	80	13	4.80	2.70	7.8	ne.	80	63	72	51

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Climatological Data for December, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	40	51.9	+4.5	86	7	23	2	48	6.40	+3.17	2.00	0	7	13	1	17	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	53	52.8	+1.1	78	17	28	2	25	2.93	−0.22	0.88	0	11	10	7	14	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	42	46.7	+2.9	81	18	18	2	42	4.42	+1.28	1.68	0	6	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	34	51.4	+3.9	82	7	23	† 3	47	3.89	+0.68	1.12	0	11	13	2	16	ne.	Paul Quattlebaum.
Darlington††	Darlington	175	29	47.6	+2.4	82	17	18	2	42	4.18	+1.37	1.30	0	5	16	1	14	.....	D. C. McCall.
Effingham	Florence	106	33	.....	.....	.....	.....	.....	.....	.....	4.34	+1.21	1.25	0	5	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	38	50.6	+2.6	80	†17	22	2	38	5.06	+2.09	1.01	0	9	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	42	[a]49.8	+4.9	[a]83	†17	[a]22	2	[a]45	4.65	+1.70	1.52	0	6	13	8	10	ne.	H. K. Gilbert.
Florence 2	.....do	136	9	.....	.....	.....	.....	.....	.....	.....	5.36	+2.41	2.00	0	7	14	4	13	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	6	[a]53.4	.....	81	17	[a]23	2	[a]40	6.18	.....	2.03	0	11	11	8	12	.....	Maner B. Robert.
Georgetown	Georgetown	18	31	51.0	+2.1	82	17	21	3	45	4.54	+1.09	1.10	0	5	17	8	6	n.	A. P. Huzard.
Kingstree	Williamsburg	54	42	52.4	+5.1	82	17	22	2	43	3.63	+0.58	0.90	0	7	13	1	17	e.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	1	.....	.....	.....	.....	.....	.....	.....	4.43	.....	1.80	0	4	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	8	50.6	.....	80	† 7	22	2	44	5.17	.....	1.65	0	10	12	8	11	w.	U. S. Fisheries Station.
Paris Island	Beaufort	13	43	54.6	+2.6	76	17	32	23	28	4.58	+1.73	2.38	0	11	10	4	17	se.	U. S. Naval Aerological Sta.
Pinopolis	Berkeley	54	77	52.1	+4.9	78	8	25	2	.....	4.39	+1.41	1.00	0	9	15	4	12	ne.	Miss E. P. Ravenel.
Rimini	Sumter	97	10	.....	.....	.....	.....	.....	.....	.....	4.96	+1.86	1.20	0	9	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	41	50.5	+2.7	81	†18	23	† 2	44	6.08	+3.15	1.85	0	8	12	9	10	.....	R. L. Utsey.
Society Hill	Darlington	192	33	[c]46.2	+1.4	[c]82	17	[c]18	† 1	[c]49	6.42	+3.32	1.48	0	8	14	4	13	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	26	52.4	+3.5	84	18	21	2	45	4.21	+0.86	1.60	0	10	12	9	10	s.	D. P. Dehon.
Wedgefield	Sumter	249	34	49.5	+2.0	82	16	22	2	42	5.03	+1.84	1.83	0	9	15	5	11	ne.	W. Hampton Ramsey.
Yemassee	Hampton	24	35	52.3	+4.4	81	†17	20	2	43	5.00	+1.88	1.93	0	7	14	2	15	ne.	W. C. Hinson.
Division means and	extremes	.....	....	50.7	+1.5	86	7	18	† 1	49	4.81	+1.73	2.38	0	8	13	5	13	ne.	
Western Portion.																				
Aiken	Aiken	527	62	49.2	+1.9	78	18	26	3	43	9.58	+5.97	2.41	0	10	15	3	13	nw.	Frank B. McCoy.
Anderson	Anderson	764	31	43.7	−0.1	76	†17	22	2	42	5.62	+0.75	2.27	0	7	16	1	14	w.	H. H. Russell.
Blairs	Fairfield	293	19	.....	.....	.....	.....	.....	.....	.....	4.45	+0.55	1.55	0	6	....	....	....	.....	Esther B. Owens.
Cæsars Head ‡‡	Greenville	3118	....	.....	.....	.....	.....	.....	.....	.....	6.28	.....	1.32	0	5	15	5	11	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	25	43.2	.....	78	18	14	† 2	42	6.02	+1.22	1.90	0	9	14	1	16	w.	L. M. Parker.
Camden	Kershaw	222	74	[f]50.0	+1.9	[f]81	18	20	2	[f]48	6.74	+3.34	3.20	0	8	16	0	15	ne.	Henry A. Brown.
Catawba	York	562	18	.....	.....	.....	.....	.....	.....	.....	4.29	+0.30	1.60	0	7	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	19	.....	.....	.....	.....	.....	.....	.....	6.38	+1.93	2.00	0	7	....	....	....	.....	George V. Clamp.
Chester	Chester	487	2	[c]44.6	.....	[c]76	18	19	2	[c]34	3.70	....	1.80	0	8	11	9	11	ne.	J. C. Cornwell.
Clemson College	Oconee	850	32	[a]44.0	+1.3	[a]78	17	[a]14	2	[a]49	6.96	+1.74	1.93	0	8	16	3	12	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	38	49.0	+1.8	79	18	24	2	34	6.37	+3.47	2.70	T.	7	11	4	16	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	10	44.8	−1.2	74	17	20	2	35	5.81	+1.08	2.03	0	9	10	8	13	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	10	.....	.....	.....	.....	.....	.....	.....	5.94	+2.86	1.60	0	5	....	....	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	21	.....	.....	.....	.....	.....	.....	.....	3.44	−1.10	0.93	0	9	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	40	44.4	+2.2	75	17	21	2	29	5.84	+1.06	2.04	0	10	12	7	12	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	40	44.8	+1.8	75	14	20	2	44	6.56	+2.13	2.17	0	8	10	0	21	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	22	47.2	+5.0	78	8	19	2	39	4.95	+1.22	1.69	0	5	13	3	15	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	8	47.1	.....	76	7	18	2	46	4.40	.....	2.02	0	6	14	0	17	e.	John W. Hamel.
Landrum	Spartanburg	1063	9	43.8	.....	78	17	12	22	45	6.75	.....	2.16	T.	8	15	6	10	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	6	44.8	.....	76	18	16	2	48	4.83	.....	1.79	0	8	8	14	9	sw.	L. G. Roff.
Liberty	Pickens	900	24	43.8	+1.0	76	†17	15	2	42	5.90	−0.35	2.10	0	5	16	6	9	e.	O. F. Boggs.
Little Mountain	Newberry	711	31	46.3	+0.7	75	18	20	2	39	6.11	+2.82	2.40	0	7	22	0	9	w.	Miss Alberta Sease.
Newberry	Newberry	502	20	47.0	+2.7	78	18	18	2	47	6.70	+2.39	2.50	0	11	11	7	13	w.	John H. Baxter.
Pelzer	Anderson	850	20	.....	.....	.....	.....	.....	.....	.....	4.12	−1.26	1.10	0	11	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	22	46.8	+1.4	73	†17	19	† 2	45	6.06	+2.16	2.10	0	8	11	9	11	sw.	W. S. Crout.
Santuck	Union	512	31	44.4	+1.3	76	18	14	2	40	5.11	+0.95	2.24	0	9	12	9	10	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	47	42.2	+0.3	76	18	17	2	34	2.95	−1.29	1.12	0	8	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	31	49.6	+2.5	78	18	23	2	40	7.17	+3.37	2.90	0	5	12	5	14	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	24	44.4	+1.1	79	17	14	2	47	7.34	+2.07	2.26	0	9	15	4	12	se.	H. W. Brandt.
Winnsboro	Fairfield	545	30	45.9	+3.2	77	18	20	2	38	4.89	+1.48	1.40	0	8	13	8	10	sw.	Rev. Oliver Johnson.
Winthrop College ‡‡	York	690	24	45 2	+2.2	77	18	17	2	43	6.48	+2.23	2.05	0	9	15	6	10	s.	W. T. Clawson.
Division means and	extremes	.....	....	45.7	+1.5	81	18	12	22	49	5.72	+1.44	3.20	T.	8	14	5	12	sw.	
Section means and	extremes	.....	....	47.6	+1.0	86	7	12	22	49	5.54	+2.07	3.20	T.	8	13	5	13	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsars Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for December, 1924.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville |||	Edisto									2.00	.50									.15			.25			1.75					.75	1.00	6.40
Charleston ***	Coast					T.			.64	.24	.51	.10										T.	T.	.12	T.	.17	.20		.08		.12	.17	.58	2.93
Cheraw |||	Pee Dee					T				1.16								.16						T.	.62	1.68					.16	.64	4.42
Conway |||	Waccamaw									.62	.17	.06											.11	.21	.28	1.12	.05	T.	.66		.43	.78	3.89
Darlington |||	Pee Dee	.31								.90												T.	T.		1.10	.34					.18	1.30	4.18
Effingham |||	Lynches					T.				.98	T.												T.		1.25	.37		T.			.54	1.20	4.34
Ferguson |||	Santee									.81	.27										.20	.21	.47	1.01			.66				.53	.90	5.06
Florence 1 |||	Pee Dee					.04	T.		T	.77								T.				.09	.08	1.52	.45					.80	.90	4.65
Florence 2 |||	do					.17		T.		.92											.06	.06	2.00	.45	T.					.80	.90	5.36
Garnett	Savannah								.01	2.03	.37	.04									T.	T.	.27	.01	.07	1.15		.03			.50	1.70	6.18
Georgetown	Coast									1.10	T.													.45	T	.50		T.		.54	1.95		4.54
Kingstree |||	Black									.90	.38												T.	.10	.45	.80					.40	.60	3.63
Mars Bluff	Pee Dee									.80															1.08	.75						1.80	4.43
Orangeburg	Edisto							T.	T	1.65	.05						T.				.07		.18		1.22	.17	T.	.01		.19	1.04	.59	5.17
Paris Island	Coast								1.10	1.40	.25										T.	.24	.35	.12	.30			.06		.17	.26	.33	4.58
Pinopolis	Cooper								1.00	.50	.30												.20	.10	.39	.74					.46	.70	4.39
Rimini |||	Santee									1.20	.10											.10		.15	1.10	.56	.20				.40	1.15	4.96
St. George	Edisto								T.	1.35	.15												.03	.10	.50	1.85					.50	1.60	6.08
Society Hill |||	Pee Dee				.18				.96							.57								1.35	1.48					.33	.78	.77	6.42
Summerville	Ashley								.17	1.60	.15												.40		.25	.40		.10		.09	.45	.60	4.21
Wedgefield	Wateree							.35	.40												.01	.05		.05	1.09	1.83				T.	1.70	.55	5.03
Yemassee |||	Ashepoo									1.93	.51	.35											.41		.90						.15	.75	5.00
Western Portion.																																	
Aiken	Edisto				.51	.15		.27	1.35	.31													.03		2.13	.31					2.41	2.11	9.58
Anderson	Savannah					.20		1.50		.04							.10								.69	.65					.17	2.27	5.62
Blairs |||	Broad									1.55									.14						.67	1.30					.12	.67	4.45
Cesar's Head	Saluda						1.16			1.32															1.16						1.32	1.32	6.28
Calhoun Falls |||	Savannah						.25		.09	1.40							.04	.11							1.20	1.90					.13	.90	6.02
Camden |||	Wateree									1.05								.04			.03				1.10	3.20	.02				.35	.95	6.74
Catawba |||	Catawba						.22		.55	1.60								.16							.46	.65					T.	.65	4.29
Chappells |||	Saluda						.18			1.70								.10							1.50	2.00					.10	.80	6.38
Chester	Broad					.10			.05	.08							.20							T.	1.05	.22					.20	1.80	3.70
Clemson College	Savannah					.51	.01		.84															1.85	1.38	.13					.31	1.93	6.96
Columbia ***	Congaree					T.			.99		T.						T.				.06		T.	.02	2.69	.02				T.	1.83	.76	6.37
Due West***	Savannah					.21	T.	T.	1.44	.01							.14	T.			T.			.17	1.67	.03				T.	.28	1.86	5.81
Edgefield |||	Savannah									1.41															1.09	1.60					.32	1.52	5.94
Easton Shoals |||	Broad					.03	.55		.03	.93														.03	.80	.30					.02	.75	3.44
Greenville ***	Saluda					.49	.03	.03	1.48								.02				T.			.15	1.19	.03					.75	1.67	5.84
Greenwood |||	do						.45		.05	2.17								.29							1.05	1.69	.12					.74	6.56
Heath Springs	Wateree								1.17							.16									1.69						.75	1.18	4.95
Kershaw |||	Lynches					.04				1.22										.14					1.00	1.02						.98	4.40
Landrum	Broad					2.05	.06	.61	2.16	.06														T.	1.06	T					.48	2.07	6.75
Laurens	Saluda					T			1.29	.03							.08							.06	1.25	.12					.21	1.79	4.83
Liberty	Savannah					.90	T	T.	1.50	T.							T.	T.			T.			T.	1.30	T.					.10	2.10	5.90
Little Mountain	Saluda								1.10	.50							.15								2.40	.15					.80	1.01	6.11
Newberry	Saluda					.09	.02		1.55	.25							.10				.02			.03	2.50	.10				T.	.32	1.72	6.70
Pelzer |||	do					.08	.22	.02	.50	1.10							.04							.02	.64	.64					.10	.76	4.12
Saluda	do					T.			.96	.47	T.						.09	.01					T.	T.	2.10	.11					.92	1.40	6.06
Suntuck	Broad					.09			1.30	.21							.12				.03			T.	1.00	.12				T.	.14	2.10	5.11
Spartanburg |||	do					.05		T.	.09	1.03							T.	.05	T.		T.				.69	.32					.09	.63	2.95
Trenton	Edisto					T.			1.55															T.	2.90	.10				T.	1.57	1.05	7.17
Valhalla	Savannah					1.16	.05	T.	1.98								.05							.19	1.19	.14					.32	2.26	7.34
Vimsboro |||	Broad									1.40									.25		T.				1.09	1.25					.13	.77	4.89
Winthrop College	Catawba					.35		.45	1.10	.53							.30								.85	.40					.45	2.05	6.48

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR DECEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	44.9	76	18	4.65	10				ne.-e.
1888	42.7	71	13	3.56	7				
1889	55.4	79	17	0.53	1				sw.
1890	45.9			2.25					
1891	49.9			1.91					
1892	47.1	76	6	2.45					
1893	47.2	79	17	3.05	6	17	7	7	sw.
1894	48.1	85	— 1	2.56	7	15	8	8	nw.
1895	46.1	80	15	3.04	6	16	7	8	nw.
1896	44.0	83	8	3.55	7	17	6	8	ne.
1897	47.6	82	21	2.40	8	11	8	12	ne.
1898	45.9	77	9	2.84	8	12	7	12	nw.
1899	44.6	79	11	2.33	7	15	8	8	nw.
1900	45.5	79	18	5.64	8	14	7	10	n.
1901	44.0	80	2	5.01	11	13	5	13	n.
1902	46.8	85	10	4.26	7	14	6	11	nw.
1903	41.0	72	10	1.95	6	20	5	6	w.
1904	45.5	78	16	2.79	9	14	5	12	w.
1905	45.2	77	16	7.25	10	12	4	15	ne.
1906	48.0	89	11	3.25	7	14	8	9	sw.
1907	46.2	75	12	5.81	10	14	7	10	w.
1908	50.6	83	23	2.84	7	13	9	9	w.
1909	42.8	84	7	2.81	7	17	7	7	nw.
1910	42.0	76	12	2.36	5	18	7	6	w.
1911	49.8	85	18	4.94	9	11	7	13	ne.
1912	48.8	79	18	2.88	8	12	5	14	sw.
1913	47.8	77	16	4.25	9	10	7	14	w.
1914	43.9	80	11	4.80	13	6	6	19	ne.
1915	44.2	79	17	3.27	7	18	5	8	w.
1916	46.7	79	11	2.43	9	16	6	9	w
1917	37.7	82	−6	1.47	6	15	6	10	ne.
1918	50.8	82	17	5.35	9	12	6	13	w.
1919	46.5	87	15	3.45	6	16	6	9	ne
1920	46.1	75	18	4.01	8	15	5	11	w.
1921	50.3	80	20	1.54	5	16	7	8	w.
1922	51.0	86	22	4.90	13	10	5	16	ne.
1923	52.5	79	23	4.12	9	11	8	12	sw.
1924	47.6	86	12	5.54	8	13	5	13	ne.
Period	46.6	89	−6	3.47	8	14	6	11	w.

Daily Temperatures for December, 1924.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	50	54	48	72	79	84	86	76	69	65	67	68	66	70	73	84	82	79	79	70	55	60	61	65	60	65	67	64	69	67	69	62.7
	Minimum	29	23	24	38	54	56	55	68	55	49	39	31	38	36	45	55	50	59	57	55	32	28	29	35	39	31	33	32	29	35	36	41.1
Charleston	Maximum	50	43	62	61	68	74	71	74	69	55	56	61	68	64	60	73	78	75	76	68	44	35	49	65	65	45	46	50	44	59	65	60.4
	Minimum	35	28	37	48	56	59	59	58	55	44	45	39	51	50	46	52	57	55	57	44	34	30	30	49	45	36	35	37	38	42	51	45.2
Cheraw §§	Maximum	43	46	60	68	72	59	68	74	70	62	58	62	69	61	55	58	78	81	75	60	36	36	42	57	51	36	47	44	39	44	45	56.6
	Minimum	29	18	20	31	48	46	55	65	60	40	35	28	40	39	30	36	42	56	56	54	26	23	22	32	42	25	26	25	28	29	36	36.8
Conway	Maximum	55	46	61	65	72	78	82	76	73	65	57	60	70	65	57	71	80	81	76	70	52	35	46	70	66	66	45	48	42	52	59	62.6
	Minimum	30	31	23	34	50	57	57	62	60	46	41	31	43	45	34	37	56	48	53	45	31	26	23	40	44	31	31	29	31	36	41	40.2
Darlington §§	Maximum	47	49	62	70	72	77	80	74	70	53	59	63	70	66	61	60	82	81	76	55	39	35	46	60	54	54	54	46	57	45	47	60.1
	Minimum	29	18	20	28	33	50	54	58	60	43	36	28	35	37	30	36	43	46	51	50	28	25	24	25	29	28	26	27	28	30	37	35.2
Ferguson §§	Maximum	48	56	62	70	73	78	80	75	58	55	60	60	67	61	66	72	80	80	75	70	60	56	64	65	60	46	48	50	46	50	65	63.1
	Minimum	26	22	24	30	44	56	50	51	58	42	41	29	34	36	33	42	52	54	52	50	45	25	25	27	34	32	33	28	33	36	40	38.2
Florence 1	Maximum	57	49	65	69	72	80	82	75	66	52	61	65	70	68	64	62	83	83	75	59	39	33	49	60	51	38	44	49	50	48	....	[a]60.9
	Minimum	30	22	24	34	45	51	57	59	62	45	38	31	39	41	34	38	43	50	50	54	29	26	25	38	44	29	29	29	29	36	....	[a]38.7
Garnett	Maximum	55	48	66	70	78	77	81	77	72	55	62	62	70	64	68	77	81	80	76	70	51	37	42	72	71	45	50	56	56	60	71	64.5
	Minimum	37	23	26	42	54	60	57	64	51	45	41	30	48	48	36	44	50	47	60	50	35	29	28	39	....	35	33	30	37	38	48	[a]42.2
Georgetown	Maximum	60	48	64	64	64	80	81	79	71	63	60	65	71	66	61	65	82	81	79	76	40	38	42	70	69	50	45	50	54	64	60	63.3
	Minimum	29	25	21	38	33	50	53	61	61	45	42	31	47	45	36	40	50	51	53	40	31	28	25	35	40	31	32	27	36	32	32	38.7
Kingstree	Maximum	59	52	65	67	72	80	80	73	71	64	60	64	70	65	57	72	82	81	76	75	60	53	46	65	66	56	48	49	46	59	57	64.2
	Minimum	31	22	24	36	53	57	56	63	57	44	46	31	46	45	36	42	54	50	58	45	31	26	24	41	44	31	31	28	32	36	45	40.6
Orangeburg 1	Maximum	57	45	61	69	74	77	80	74	72	53	58	60	68	63	67	72	80	80	76	60	50	40	45	53	64	43	52	48	41	46	55	60.7
	Minimum	31	22	25	37	52	53	65	64	52	43	39	32	46	45	34	43	52	47	53	48	32	28	27	39	42	31	33	28	32	35	44	40.5
Paris Island §§	Maximum	51	51	71	65	70	75	73	75	71	58	65	66	75	69	63	72	76	73	72	68	46	35	45	65	63	42	45	49	45	58	64	61.9
	Minimum	41	33	43	54	60	61	59	65	53	51	50	45	55	53	48	52	55	55	56	47	36	33	32	43	42	39	36	36	41	42	52	47.4
St. George	Maximum	51	48	66	69	76	78	80	80	65	52	60	63	70	63	68	75	81	81	77	63	37	37	49	68	51	39	50	52	54	50	61	61.7
	Minimum	30	23	25	31	45	57	58	61	61	50	41	32	33	41	35	36	46	47	48	53	33	29	23	27	46	33	33	30	33	37	42	39.3
Society Hill §§	Maximum	48	62	69	74	78	79	75	72	52	....	62	70	66	63	....	80	82	77	....	38	37	44	60	51	36	48	45	40	44	46	46	[c]58.7
	Minimum	18	18	20	32	48	50	57	60	42	36	....	27	40	31	31	....	47	46	27	....	25	23	24	36	27	25	27	28	29	37	35	[c]33.8
Summerville	Maximum	52	46	66	67	73	77	80	74	70	55	61	63	75	70	67	76	81	82	84	74	59	36	42	68	66	46	47	50	41	54	67	63.5
	Minimum	31	21	26	39	55	55	56	64	54	46	39	31	43	42	36	43	53	49	57	48	33	28	26	40	43	37	33	29	35	37	48	41.3
Wedgefield	Maximum	50	47	62	68	72	77	80	66	58	60	60	68	66	64	68	82	80	75	70	68	37	38	47	52	55	54	53	47	44	45	50	60.1
	Minimum	30	22	26	40	54	50	53	59	46	38	32	40	42	36	42	54	54	58	56	33	26	26	25	35	33	29	31	27	29	35	42	38.8
Yemassee	Maximum	54	49	67	70	76	79	81	75	70	55	62	63	70	65	67	78	81	81	78	67	50	36	41	71	67	44	49	52	42	51	71	63.3
	Minimum	36	20	27	45	52	58	54	63	54	46	40	33	45	45	35	43	49	43	57	49	33	29	26	38	43	35	33	28	36	38	48	41.3
Western Portion.																																	
Aiken	Maximum	52	46	57	68	73	71	77	73	70	57	59	61	68	64	63	60	73	78	75	71	40	41	44	50	45	38	49	46	40	42	40	57.8
	Minimum	35	28	26	49	54	45	55	61	53	45	38	33	49	44	38	49	50	51	56	32	34	31	30	39	36	31	34	27	35	36	36	40.6
Anderson	Maximum	52	45	59	66	54	60	63	67	61	52	57	59	65	58	57	54	76	76	73	60	40	44	37	45	45	39	40	43	45	43	45	52.5
	Minimum	28	22	24	36	50	38	51	58	46	38	33	32	44	38	33	45	50	56	54	40	27	23	28	30	29	25	26	28	28	32	41	34.9
Caesar's Head	Maximum	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Calhoun Falls §§	Maximum	47	45	55	68	66	64	66	68	63	52	60	62	68	65	62	58	76	78	76	54	48	46	38	46	38	38	52	45	39	46	48	56.0
	Minimum	24	11	14	16	28	32	33	51	45	36	27	26	27	35	29	32	45	46	47	42	26	24	24	26	33	25	25	21	25	27	34	30.3
Camden §§	Maximum	50	54	61	70	74	77	80	76	75	60	60	66	68	68	66	74	81	....	78	60	....	....	....	60	58	48	50	....	57	....	55	[f]64.8
	Minimum	28	22	20	22	30	43	43	53	58	42	36	29	29	36	34	33	43	55	60	50	28	28	25	25	35	31	28	27	28	32	34	35.1
Chester	Maximum	54	32	49	51	63	66	65	60	60	50	44	49	....	....	....	....	....	76	73	66	42	40	37	52	52	42	45	41	41	47	47	[e]51.8
	Minimum	27	19	20	33	50	56	39	53	48	39	33	27	42	39	36	45	47	50	51	41	26	25	30	35	40	31	32	34	35	36	40	37.4
Clemson College	Maximum	53	44	58	64	65	67	66	68	63	54	56	59	66	63	57	58	78	....	77	69	52	43	42	43	47	40	50	46	39	45	46	[a]55.9
	Minimum	23	14	15	28	47	31	50	49	46	34	28	26	43	29	23	45	49	....	46	37	27	18	24	30	36	25	22	19	24	33	43	[a]32.1
Columbia	Maximum	46	43	60	66	73	74	78	73	66	51	57	61	68	58	61	64	78	79	74	61	37	39	44	56	56	37	48	44	40	43	48	57.5
	Minimum	31	24	26	40	54	50	58	59	51	44	38	32	49	44	38	49	56	55	59	36	30	29	27	35	35	30	32	30	32	38	43	40.5
Due West	Maximum	45	43	57	64	64	65	63	69	61	49	55	58	65	55	59	57	74	74	72	58	36	41	36	45	46	37	46	42	36	41	44	53.5
	Minimum	29	20	22	37	50	39	53	57	43	39	33	31	43	38	32	45	49	49	56	34	27	25	27	30	30	26	27	30	29	32	40	36.2
Greenville	Maximum	39	42	54	61	62	66	64	66	59	48	53	56	63	55	49	57	75	74	71	59	34	40	36	45	46	36	48	38	36	43	45	52.3
	Minimum	28	21	27	37	50	42	53	57	45	38	33	31	45	40	36	45	56	52	54	30	26	23	28	30	27	24	24	29	28	33	38	36.5
Greenwood	Maximum	56	35	43	58	65	66	67	66	69	61	51	56	59	75	56	62	60	74	74	73	55	38	43	39	45	40	39	47	45	36	41	54.6
	Minimum	25	20	21	29	39	40	40	56	51	39	32	33	35	39	35	34	48	54	54	53	29	25	25	28	32	27	26	25	27	29	35	35.0
Heath Springs	Maximum	50	46	56	64	68	71	75	78	66	53	54	58	58	60	54	55	76	75	70	64	59	55	48	47	46	43	39	41	38	39	43	56.2
	Minimum	27	19	29	40	50	41	58	64	58	39	32	34	40	38	34	42	54	55	57	46	25	22	23	40	41	24	26	29	27	34	38	38.3
Kershaw	Maximum	55	46	58	69	71	74	76	73	68	52	57	59	67	60	57	56	76	72	73	64	36	37	41	60	60	48	46	42	39	41	44	57.3
	Minimum	26	18	23	36	50	45	58	59	54	39	34	31	45	40	31	43	53	55	52	35	26	22	23	31	34	25	26	29	26	35	39	36.9
Landrum	Maximum	51	45	52	63	55	66	68	66	66	51	53	68	70	59	51	48	78	77	74	66	35	40	34	43	47	39	50	44	38	44	44	54.4
	Minimum	28	16	26	32	43	36	53	37	48	39	28	38	43	39	31	40	45	44	62	32	21	12	22	29	39	19	18	29	22	32	41	33.7
Laurens	Maximum	53	43	58	66	66	69	67	68	65	50	55	59	65	56	56	56	75	76	73	65	39	39	37	43	46	37	46	41	36	41	43	54.5
	Minimum	30	16	18	30	49	35	51	57	49	39	30	27	46	34	31	45	50	54	54	39	27	24	27	31	33	26	22	25	26	33	33	35.2
Liberty	Maximum	51	45	56	63	63	67	62	66	60	51	55	57	61	60	54	57	76	76	72	64	39	43	37	42	46	39	50	42	47	45	45	54.5
	Minimum	21	15	21	32	45	35	50	54	42	33	29	28	41	36	29	43	50	47	50	37	23	22	24	22	30	31	20	20	24	33	40	33.1
Little Mountain	Maximum	58	50	57	65	71	72	74	70	63	59	55	60	65	60	59	60	73	75	72	66	43	35	35	50	50	41	45	42	37	40	44	56.3
	Minimum	27	20	26	38	45	45	46	57	53	43	33	28	30	34	34	46	54	51	55	43	32	24	22	32	35	25	26	24	25	33	36	36.3
Newberry	Maximum	53	45	59	68	71	72	73	70	65	53	57	61	66	58	61	61	75	78	75	61	40	43	41	48	49	38	49	44	39	40	46	56.7
	Minimum	29	18	21	33	51	41	55	60	50	40	33	28	48	37	34	46	56	51	55	40	28	20	26	32	37	27	27	25	29	37	42	37.3
Saluda	Maximum	54	43	56	64	70	76	72	71	69	57	56	58	65	63	61	64	73	73	73	66	49	41	41	50	51	41	46	44	41	40	47	57.1
	Minimum	25	19	19	32	48	40	52	59	50	38	32	27	47	40	30	44	54	48	52	48	30	28	25	33	38	28	26	23	26	34	39	36.6
Santuck	Maximum	52	46	59	66	69	71	69	69	65	56	56	60	65	58	57	54	73	76	74	66	42	41	38	43	48	38	47	41	36	40	43	55.4
	Minimum	23	14	16	29	45	34	49	53	55	34	28	25	48	31	28	43	49	45	50	41	26	20	21	31	36	26	21	19	22	34	40	33.4
Spartanburg	Maximum	41	43	54	63	60	63	68	67	62	48	51	58	63	56	50	57	73	76	73	49	35	37	34	46	37	35	47	40	35	43	44	51.9
	Minimum	28	17	20	20	38	40	40	56	50	36	30	30	33	40	32	33	45	50	51	46	23	18	22	27	32	23	22	25	25	26	32	32.6
Trenton	Maximum	56	47	60	68	71	72	76	72	62	63	59	63	67	63	67	63	74	78	74	70	48	40	42	50	53	54	52	54	48	42	51	60.0
	Minimum	30	23	25	40	52	41	57	57	51	44	35	30	47	35	35	49	55	53	57	45	30	28	26	34	36	32	35	28	28	35	36	39.2
Walhalla	Maximum	55	45	59	64	65	65	64	66	60	50	56	60	68	60	55	58	79	77	75	66	46	43	36	42	47	41	50	43	39	46	47	55.7
	Minimum	25	14	17	29	42	33	51	56	42	32	26	30	41	33	28	46	48	45	48	46	23	18	24	29	33	22	21	19	28	33	41	33.0
Winnsboro §§	Maximum	44	45	58	66	73	74	75	71	66	52	56	59	66	57	59	60	74	77	73	55	35	39	41	50	46	36	47	42	38	42	45	55.5
	Minimum	27	20	24	28	42	46	48	57	57	40	35	30	31	40	35	37	50	57	57	53	27	25	24	26	35	27	27	27	28	29	35	36.3
Winthrop College	Maximum	46	45	55	66	68	72	71	68	66	54	54	60	65	58	57	54	73	77	75	66	43	43	35	41	48	38	46	42	35	40	42	54.9
	Minimum	28	17	24	37	52	45	51	57	52	38	31	30	35	33	31	42	54	51	55	41	23	18	23	34	30	23	22	26	25	32	39	35.5

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

WBO, Raleigh, 1-26-25—900

557.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVII. COLUMBIA, S. C., YEAR 1924. No. 13

GENERAL SUMMARY.

In general, the year 1924 was unseasonable, with numerous wide departures from the normal. The outstanding features were sustained subnormal temperatures from January to May, inclusive; two of the most destructive tornadoes in the history of South Carolina, on April 30; a remarkably dry August; unprecedentedly heavy rains in September, with unseasonably low temperatures, and record-breaking heat in December. The mean annual temperature was somewhat below normal, but the average annual precipitation was near the highest of record. Measurable snowfall occurred in February and March. Floods with material damage occurred in the Pee Dee and Santee River Districts in February, July, and October. Six tornadoes occurred in April, May, and June, causing the death of 78 persons, injuring 783, and damaging property approximating $3,055,000. Eight persons were killed by lightning in April, June, July, and August. Hailstorms, lightning, and wind squalls caused approximately $108,500 damage in April, June, August, and November.

The first five months were unseasonably cold, on the whole, with unusually heavy rains in April. The hard freezes in January, with the lowest temperatures since the winter of 1917-1918, practically ruined the winter oat crop, but the weather was generally favorable for tree fruits; wheat and rye withstood the cold very well. The growing season opened 2 to 3 weeks late; cotton and corn germinated irregularly, incident to persistently cold nights, and crops were generally in all stages of advancement. Crop development was stimulated materially by the more seasonable weather in June, but wet weather in July prevented much needed cultivation in many sections, and accumulated grass became a menace; tobacco suffered from too much rain. The first cotton bloom was observed near Allendale on June 8, and the first open boll was picked in Richland County on July 29. August was unusually hot, with the lowest average precipitation in 24 years; all crops deteriorated because rain was lacking when most needed; the first cotton bale was ginned at Estill on August 5. The drought was followed by unprecedented rains in September, with unusually low temperatures, on the whole, and light frost in Spartanburg County on the 30th; the average monthly rainfall was exceeded but once in the history of the Section; cotton bolls rotted, shed, and sprouted, and weevil activities materially increased, though the pest was apparently not as destructive as in previous seasons; late corn was too badly damaged by drought to recover. October and November were relatively seasonable for housing crops, though both months were rather dry; cotton picking and ginning made good progress and were practically finished during the first week of December; cotton exceeded expectations in some sections. The closing month averaged somewhat warmer than usual, with record-breaking heat at several stations during the period, 17-19th. Wheat, oats, and rye were in good condition generally, and winter truck maintained about normal growth.

The last general spring killing frosts occurred from April 2 to 4, and the first in autumn occurred on October 23 and November 19 and 20. The average latest spring killing frost date for 1924 was March 30, or 7 days later than normal, and the first killing frost date in autumn was November 19, or 9 days later than normal. The growing season was 234 days in length, or 2 days longer than normal.

The mean annual temperature was 61.7°, or 1.2° below normal. The warmest month was August, with a mean of 80.4°; coldest month, January, with a mean of 43.3°. The highest annual mean at any station was 65.7° at Paris Island; lowest annual mean, 58.7° at Landrum. The highest temperature was 105° at Calhoun Falls on August 28; lowest temperature, 1° above zero at Landrum on January 6.

Seasonal temperatures, with departures from the 38-year normal: Winter.—46.7°, +0.3°; spring, 60.2°, −2.6°; summer, 79.2°, +0.5°; autumn, 62.4°, −1.4°.

The average annual precipitation was 56.99 inches, or 8.89 inches above the normal. The greatest annual amount at any station was 68.63 inches at Georgetown; least annual amount, 45.76 inches at Catawba. The greatest monthly amount at any station was 17.32 inches at Wedgefield in September; least monthly amount, 0.15 inch at Georgetown in November. The average number of rainy days was 97; greatest number at any station, 125 at Gaston Shoals; least number, 65 at Liberty. Average annual snowfall, 0.5 inch.

Seasonal precipitation, with departures from the 38-year normal: Winter.—12.00, +0.73 inch; spring, 13.07, +2.39 inches; summer, 14.91, −1.89 inches; autumn, 15.59. +6.30 inches.

During the growing season, March to September, inclusive, the total rainfall was 40.72 inches, or 9.19 inches above the normal.

Snowfall, ranging from Traces to 2.5 inches, occurred in the western and northern counties on February 10, 24, and 27, and on numerous dates in March.

Freshets in the Pee Dee and Santee River Districts during portions of 10 months were attended by losses approximating $170,463, and the value of movable property saved by timely warnings has been estimated at $350,100.

The average annual atmospheric pressure, determined from 9 regular stations, was 30.06 inches. The highest pressure was 30.90 inches at Asheville, N. C., on January 6, and in the Section proper, 30.85 inches at Due West on the same date; the lowest pressure was 29.20 inches at Augusta, Ga., on March 20, and in the Section proper, 29.26 inches at Columbia on the same date.

The average annual sunshine, determined from 9 automatic records, was 65% of the possible amount. The average annual number of clear days was 106; partly cloudy, 71, and cloudy, 99, as against normals of 173, 99, and 94 days, respectively.

The average annual relative humidity at 8 a. m. was 80%; noon, 59%, and 8 p. m., 70%.

The prevailing wind was from the west. The average annual hourly velocity, determined from 9 anemometer records, was 7.8 miles. The highest velocity for any 5-minute period was 50 miles per hour from the northwest at Greenville on June 24.

(CONTINUED ON PAGE 51.)

JUN 2 1925
UNIVERSITY OF ILLINOIS

Climatological Data for the Year 1924.

Stations.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).							Number rainy days.	Sky.			Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for the year.	Greatest monthly.	Month.	Least monthly.	Month.	Total snowfall.		Number clear days.	Number partly cloudy days.	Number cloudy days.	
EASTERN PORTION.																				
Blackville	Barnwell	296	41	.....	104	June 21	11	Jan. 6	41	62.92	11.73	Sept.	0.80	Oct.	T.	89	.....	.....	.....	.....
Charleston	Charleston	48	52	65.4	101	June 21	17	Jan. 6	54	51.07	11.85	Sept.	0.72	Nov.	0	107	131	100	135	ne.
Cheraw	Chesterfield	144	43	60.5	100	June 20	10	Jan. 6	43	61.40	12.29	Sept.	1.04	Oct.	T.	89	.....	.....	.....	.....
Conway	Horry	25	28	63.6	103	June 21	11	Jan. 7	36	65.39	16.87	Sept.	0.80	Nov.	0	109	181	51	134	ne.
Darlington	Darlington	175	25	61.6	100	June 21	9	Jan. 6	30	57.93	13.23	Sept.	1.26	Nov.	T	93	197	46	123	.....
Effingham	Florence	106	.....	.....	.....	.....	.....	.....	34	59.41	15.44	Sept.	1.30	Nov.	0	88	.....	.....	.....	.....
Ferguson	Orangeburg	63	36	.....	100	June 22†	9	Jan. 7	39	65.72	15.01	Sept.	0.70	Nov.	0	100	.....	.....	.....	.....
Florence 1	Florence	136	43	63.9	103	June 21	11	Jan. 6	43	57.86	15.61	Sept.	1.31	Nov.	0	96	239	43	84	ne.
Florence 2	Florence	136	.....	.....	.....	.....	.....	.....	8	56.20	13.72	Sept.	1.15	Nov.	0	88	192	63	111	ne.
Garnett	Hampton	82	7	65.2	103	June 21†	13	Jan. 7	7	54.28	13.54	Sept.	0.55	Nov.	0	111	.....	.....	.....	.....
Georgetown	Georgetown	12	32	63.9	102	June 21	11	Jan. 6	82	68.63	14.84	Sept.	0.15	Nov.	0	66	241	76	49	ne.
Kingstree	Williamsburg	54	43	64.3	101	June 21	12	Jan. 6†	43	61.92	16.16	Sept.	1.10	Nov.	0	100	.....	.....	.....	w.
Mars Bluff	Florence	92	.....	.....	.....	.....	.....	.....	1	55.73	15.22	Sept.	1.00	Oct.	0	69	.....	.....	.....	.....
Orangeburg 1	Orangeburg	264	9	63.6	104	June 21	12	Jan. 7	9	53.63	12.76	Sept.	1.00	Nov.	0	105	189	122	55	w.
Orangeburg 2	....do	264	.....	.....	.....	.....	.....	.....	6	.....	12.57	Sept.	.....	.....	0	.....	.....	.....	.....	.....
Paris Island	Beaufort	13	40	65.7	98	Aug. 21	18	Jan. 6	44	54.28	15.74	Sept.	0.57	Nov.	0	107	107	98	161	ne.
Pinopolis**	Berkeley	54	26	.....	91	July 15	15	Jan. 7	78	.....	14.72	Sept.	1.20	Nov.	0	.....	.....	.....	.....	.....
Rimini	Clarendon	97	.....	.....	.....	.....	.....	.....	14	60.73	16.28	Sept.	1.10	Nov.	0	83	.....	.....	.....	.....
St. George	Dorchester	109	42	64.0	103	June 21	14	Jan. 6†	42	56.59	10.64	Sept.	0.68	Nov.	0	96	137	119	110	.....
Society Hill	Darlington	192	34	.....	104	Aug. 27	9	Jan. 5	31	64.16	13.78	Sept.	1.44	Oct.	T.	101	242	39	85	s.
Summerville	Dorchester	75	27	64.1	100	June 30	12	Jan. 7	27	61.97	16.13	Sept.	1.10	Nov.	0	108	.....	.....	.....	w.
Wedgefield	Sumter	249	3	63.2	100	June 21	11	Jan. 6	3	64.91	17.32	Sept.	1.50	Nov.	0	87	256	36	74	w.
Yemassee	Hampton	24	36	64.3	101	June 21†	11	Jan. 7	36	52.78	15.06	Sept.	0.65	Nov.	0	90	219	22	125	ne.
Division means and extremes.		.....	.....	63.5	104	Aug. 27	9	Jan. 5†	.....	58.67	17.32	Sept.	0.15	Nov.	T.	95	196	69	101	ne.
WESTERN PORTION.																				
Aiken	Aiken	527	61	63.1	101	June 21	10	Jan. 6	63	54.31	9.58	Dec.	1.37	Nov.	0	84	204	41	121	ne.
Anderson	Anderson	764	28	60.3	100	Aug. 21	8	Jan. 6	32	52.99	11.27	Sept.	0.67	Oct.	0.2	101	224	16	126	w.
Blairs	Fairfield	293	.....	.....	.....	.....	.....	.....	20	50.11	13.00	Sept.	1.43	Oct.	T.	98	.....	.....	.....	.....
Cæsar's Head	Greenville	3118	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calhoun Falls	Abbeville	508	8	59.4	105	Aug. 28	5	Jan. 6	26	52.77	12.46	Sept.	0.56	Oct.	T.	96	188	56	122	w.
Camden	Kershaw	222	46	.....	103	June 21	12	Jan. 6†	76	59.67	14.33	Sept.	1.35	Oct.	0	105	248	3	115	ne.
Catawba	York	562	.....	.....	.....	.....	.....	.....	19	45.76	11.35	Sept.	0.85	Oct.	2.7	86	.....	.....	.....	.....
Chappells	Newberry	402	.....	.....	.....	.....	.....	.....	20	53.47	10.49	Sept.	1.35	Nov.	0.1	100	.....	.....	.....	.....
Chester	Chester	487	3	60.2	101	June 21	8	Jan. 6	3	54.29	13.74	Sept.	0.75	Nov.	0.5	100	165	91	110	ne.
Clemson College	Oconee	850	30	59.9	98	June 20	6	Jan. 6	33	57.97	13.77	Sept.	0.57	Nov.	T.	79	216	65	85	w.
Columbia	Richland	351	38	62.6	102	June 20	10	Jan. 6	38	54.86	11.48	Sept.	0.95	Nov.	T.	117	167	86	113	ne.
Due West	Abbeville	711	11	59.3	100	Aug. 28	7	Jan. 6	11	49.29	10.00	Sept.	0.97	Oct.	0.4	115	143	113	110	ne.
Edgefield	Edgefield	.....	.....	.....	.....	.....	.....	.....	12	54.15	6.87	Sept.	1.64	Aug.	0.2	80	.....	.....	.....	.....
Gaston Shoals††	Cherokee	680	.....	.....	.....	.....	.....	.....	22	60.37	11.68	Sept.	1.09	Nov.	3.0	125	.....	.....	.....	.....
Greenville	Greenville	989	41	59.1	99	June 20	5	Jan. 6	41	48.74	8.55	Sept.	0.81	Nov.	T.	119	167	103	96	ne.
Greenwood	Greenwood	671	41	59.6	98	June 20†	7	Jan. 6	41	57.48	10.64	Sept.	1.54	June	1.0	104	211	0	155	w.
Heath Springs	Lancaster	568	23	61.3	99	June 21	8	Jan. 6	23	54.92	8.86	Sept.	1.05	Oct.	T.	86	168	63	135	w.
Kershaw	Kershaw	500	9	61.0	104	June 21	8	Jan. 6	9	51.49	9 81	Sept.	1.24	Oct.	0	84	216	4	146	w.
Landrum	Spartanburg	1063	10	58.7	99	Aug. 10	1	Jan. 6	10	64.11	10.88	Sept.	1.00	Nov.	2.0	102	192	100	74	s.
Laurens	Laurens	589	7	59.9	101	June 20†	5	Jan. 6	7	56.54	13.24	Sept.	1.30	Oct.	1.8	103	160	152	54	sw.
Liberty	Pickens	900	25	.....	102	June 20	4	Jan. 6	25	52.66	11.05	Sept.	0.55	Nov.	2.2	64	182	113	71	w.
Little Mountain	Newberry	711	32	60.5	100	June 20†	7	Jan. 6	32	61.75	12.50	Sept.	1.59	Oct.	T.	81	.....	.....	.....	w.
Newberry	Newberry	502	21	.....	103	June 20	8	Jan. 6	21	60.08	12.57	Sept.	1.86	Nov.	0.2	104	204	67	95	w.
Pelzer	Anderson	850	.....	.....	.....	.....	.....	.....	21	49.86	10.74	Sept.	0.76	Nov.	T.	108	.....	.....	.....	.....
Saluda	Saluda	536	23	61.2	104	June 21	10	Jan 6	23	55.86	9.01	Sept.	1.67	Nov.	T.	115	179	119	68	sw
Santuck	Union	512	32	.....	103	June 21	7	Jan. 6	32	61.19	13.58	Sept.	2.00	Oct.	2.5	117	179	111	76	w.
Spartanburg	Spartanburg	875	48	58.8	101	June 21†	4	Jan. 6	46	54.14	11.83	Sept.	1.20	Nov.	3.8	119	.....	.....	.....	.....
Trenton	Edgefield	620	32	62.6	102	June 21	10	Jan. 6	32	59.36	10.54	Apr.	1.94	Oct.	T.	86	211	65	90	w.
Walhalla	Oconee	1061	23	58.9	102	June 20†	3	Jan. 6	25	62.37	15.87	Sept.	0.85	Nov.	1.6	104	201	100	65	sw.
Winnsboro	....do	545	31	61.3	104	June 21	8	Jan. 6	31	48.35	12.32	Sept.	1.05	Oct.	T.	98	209	68	84	sw.
Winthrop College ††	York	690	25	60.3	104	June 20	6	Jan. 6	25	59.18	13.38	Sept.	1.15	Oct.	2.0	88	170	129	67	s.
Division means and extremes.		.....	.....	60.4	105	Aug. 28	1	Jan. 6	.....	55.35	15.87	Sept.	0.55	Nov	0.8	97	194	72	100	w.
Section means and extremes.		.....	.....	61.7	105	Aug. 28	1	Jan. 6	.....	56.99	17.32	Sept.	0.15	Nov.	0.5	97	196	71	99	w.

† On other dates also.

** Temperature data are from observed readings of the dry bulb; means are computed from observed readings.

†† Postoffice addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

Monthly and Annual Precipitation for the Year 1924, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
EASTERN PORTION.																										
Blackville	4.69	+1.77	2.86	−1.40	2.15	−1.17	4.12	+0.83	2.58	−0.92	5.14	−0.50	8.20	+2.67	3.25	−2.42	11.73	+7.55	0.80	−2.05	1.00	−1.00	6.40	+3.17	52.92	+ 6.53
Charleston	3.24	−0.21	1.57	−1.94	3.68	−0.04	5.78	+2.79	2.38	−1.09	2.39	−3.00	6.59	−0.67	8.28	+1.31	11.85	+6.39	1.66	−2.27	0.72	−2.15	2.93	−0.22	51.07	− 1.00
Cheraw	4.35	+1.45	5.02	+0.93	1.75	−1.84	4.69	+1.75	7.11	+3.61	7.58	+2.33	5.60	−0.54	5.39	−1.21	12.29	+8.62	1.04	−1.77	2.16	+0.04	4.42	+1.28	61.40	+14.76
Conway	3.91	+0.44	4.10	−0.26	1.42	−2.17	3.35	+0.25	5.60	+2.04	12.73	+7.66	7.92	+1.11	3.66	−3.56	16.87	+1208	1.34	−1.88	0.80	−1.41	3.89	+0.68	65.39	+14.98
Darlington	4.60	+2.05	3.51	−0.36	3.37	+0.36	4.09	+0.90	7.57	+4.23	4.91	−0.68	6.38	+0.82	1.63	−3.70	13.23	+9.29	3.20	+0.09	1.26	−0.83	4.18	+1.37	57.93	+13.54
Effingham	4.40	+1.04	3.27	−1.67	2.93	−0.86	3.59	+0.27	6.71	−3.18	5.21	−0.65	8.66	+2.90	2.16	−3.94	15.44	+1143	1.40	−1.58	1.30	−0.80	4.34	+1.21	59.41	+10.53
Ferguson	5.07	+1.49	3.35	−0.54	2.55	−0.90	6.88	+4.01	3.72	−0.45	8.08	+2.32	8.46	+1.82	3.86	−2.98	15.01	+1121	2.98	+0.11	0.70	−1.47	5.06	+2.09	65.72	+16.81
Florence 1	4.36	+1.56	4.23	+0.08	3.75	+0.58	3.67	+0.84	6.36	+2.66	4.01	−1.26	5.13	−0.72	3.37	−2.18	15.61	+1152	1.41	−1.65	1.31	−0.78	4.65	+1.70	57.86	+12.35
Florence 2	3.82	+1.02	3.35	−0.80	3.52	+0.35	3.62	+0.79	7.61	+3.91	4.01	−1.26	5.14	−0.71	3.60	−1.95	13.72	+9.63	1.30	−1.76	1.15	−0.94	5.36	+2.41	56.20	+10.69
Garnett	3.42	.....	1.41	.....	3.41	.....	4.40	.....	2.54	.....	7.68	.....	7.57	.....	1.57	.....	13.54	.....	2.01	.....	0.55	.....	6.18	.....	54.28	.....
Georgetown	4.15	+0.75	3.55	−0.59	1.63	−1.88	3.86	+0.53	3.75	+0.31	13.02	+7.45	17.03	+9.63	1.37	−5.43	14.84	+1068	0.74	−2.44	0.15	−2.20	4.54	+1.09	68.63	+17.90
Kingstree	3.72	+0.66	2.50	−1.45	2.29	−1.11	3.65	+0.84	5.51	+2.32	8.37	+3.21	11.04	+4.52	2.40	−3.90	16.16	+1206	1.55	−1.30	1.10	−0.95	3.63	+0.58	61.92	+15.48
Mars Bluff	3.97	.....	4.34	.....	2.75	.....	3.20	.....	6.18	.....	4.36	.....	7.63	.....	1.46	.....	15.22	.....	1.00	.....	1.19	.....	4.43	.....	55.73	.....
Orangeburg 1	3.57	.....	2.32	.....	1.94	.....	4.69	.....	2.73	.....	7.32	.....	7.88	.....	2.28	.....	12.76	.....	1.97	.....	1.00	.....	5.17	.....	53.63	.....
Orangeburg 2	3.88	.....	2.27	.....	2.20	.....	6.08	.....	3.01	.....	4.14	.....	6.48	.....	3.59	.....	12.57	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paris Island	3.75	+1.02	2.04	−1.48	4.37	+1.02	4.83	−2.51	1.96	−1.19	4.97	−0.43	5.89	−0.27	3.15	−2.79	15.74	+1085	2.43	−0.82	0.57	−1.74	4.58	+1.73	54.28	+ 8.42
Pinopolis	2.94	−0.16	.....	.....	2.47	−1.15	.....	.....	3.17	−0.49	....	.....	10.73	+4.11	3.02	−4.06	14.72	+1014	2.35	−0.69	1.20	−1.24	4.39	+1.41	.....	.....
Rimini	4.10	+1.12	2.81	−0.91	2.53	−1.24	4.93	+2.06	4.93	+0.70	6.76	+2.77	7.05	−1.33	3.20	−2.65	16.28	+1247	2.05	−0.41	1.10	−0.50	4.96	+1.86	60.73	+13.94
St. George	2.96	−0.13	2.25	−1.56	2.18	−1.23	5.45	+2.48	2.49	−0.79	8.62	+3.45	7.98	+1.47	4.56	−1.65	10.64	+6.75	2.70	+0.36	0.68	−1.20	6.08	+3.15	56.59	+11.00
Society Hill	4.23	+1.23	5.01	+0.60	3.48	+0.21	6.40	+3.14	6.92	+3.62	5.79	+0.35	7.03	+0.60	1.88	−3.82	13.78	+9.80	1.44	−1.61	1.78	−0.59	6.42	+3.32	64.16	+17.05
Summerville	4.41	+1.35	2.46	−1.69	2.37	−0.95	6.95	+3.54	4.51	+1.21	4.67	−1.09	10.37	+3.71	2.63	−4.79	16.13	+1179	2.13	−1.34	1.10	−1.18	4.21	+0.86	61.97	+11.43
Wedgefield	4.93	+1.51	2.70	−1.45	2.31	−0.25	6.10	+3.04	5.65	+2.32	6.01	+1.12	7.81	+2.79	3.70	−2.21	17.32	+1385	1.85	−1.00	1.50	−0.72	5.03	+1.84	64.91	+19.84
Yemassee	2.96	+0.19	2.11	−1.73	3.11	−0.38	4.16	+1.14	2.41	−1.69	4.78	−1.21	9.04	+2.18	1.45	−5.04	15.06	+1102	2.05	−2.79	0.65	−1.41	5.00	+1.88	52.78	+ 4.76
Division means and departures.	3.98	+0.92	3.05	−0.99	2.70	−0.80	4.75	+1.71	4.58	+1.09	6.45	+0.99	8.07	+1.75	3.11	−3.19	14.37	+1026	1.76	−1.22	1.04	−1.09	4.81	+1.73	58.67	+11.15
WESTERN PORTION.																										
Aiken	3.89	+0.31	2.92	−1.13	3.15	−0.81	6.50	+3.41	2.39	−1.07	3.94	−0.80	6.93	+2.09	1.83	−3.60	9.44	+6.06	2.37	−0.26	1.37	−1.20	9.58	+5.97	54.31	+ 8.97
Anderson	4.90	+0.97	3.82	−1.31	3.18	−1.42	8.15	+6.97	4.41	+1.37	3.25	−0.50	4.53	−0.51	2.33	−3.00	11.27	+8.28	0.67	−2.11	0.86	−1.84	5.62	+0.75	52.99	+ 5.65
Blairs	4.35	+0.87	3.52	−0.29	2.30	−1.40	4.54	+1.88	3.79	+0.92	3.87	−0.60	3.17	−2.17	4.13	−0.97	13.60	+1020	1.43	−1.13	1.56	−0.70	4.45	+0.55	50.11	+ 7.26
Cæsars Head	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.28	.....	.....	.....
Calhoun Falls	5.00	+1.00	3.04	−2.32	2.61	−2.31	5.49	+1.97	4.33	+0.37	1.04	−3.59	8.40	+2.88	2.65	−2.56	12.46	+8.56	0.56	−2.50	1.17	−1.24	6.02	+1.22	52.77	+ 1.48
Camden	3.82	+0.44	1.71	−2.26	2.88	−0.82	4.88	+1.80	5.54	+2.33	9.67	+5.19	5.60	+0.37	1.25	−4.21	14.33	+1067	1.35	−1.27	1.90	−0.45	6.74	+3.34	59.67	+15.13
Catawba	4.10	+0.63	4.22	−0.11	1.69	−2.42	5.63	+2.64	2.89	−0.91	3.89	−1.01	3.87	−2.61	1.18	−4.03	11.35	+7.82	0.85	−2.76	1.80	−0.60	4.29	+0.30	45.76	− 2.86
Chappells	3.17	−0.15	3.65	−0.19	3.12	−0.75	5.35	+2.82	4.91	−2.23	2.15	−1.92	8.92	+3.61	2.14	−2.31	10.49	+7.35	1.84	−0.74	1.35	−0.86	6.38	+1.93	53.47	+11.02
Chester	4.20	.....	4.17	.....	1.90	.....	6.05	.....	4.34	.....	5.99	.....	7.29	.....	1.31	.....	13.74	.....	0.95	.....	0.75	.....	3.70	.....	54.39	.....
Clemson College	5.14	+0.22	5.54	+0.16	2.63	−2.34	7.25	+3.54	4.54	+0.93	3.54	−1.64	3.85	−1.42	3.44	−1.82	13.77	+9.81	0.74	−2.63	0.57	−2.17	6.96	+1.74	57.97	+ 4.38
Columbia	3.37	+0.08	2.18	−2.53	2.90	−0.80	6.66	+3.80	3.74	+0.55	5.45	+1.27	6.00	−0.06	4.58	−2.20	11.48	+8.03	1.18	−1.67	0.95	−1.28	6.37	+3.47	54.86	+ 8.78
Due West	5.03	+1.40	3.54	−0.26	2.97	−1.78	5.61	+4.60	4.19	+0.16	2.87	−1.19	5.29	+0.48	1.34	−3.33	10.00	+7.14	0.97	−0.77	1.67	−0.19	5.81	+1.08	49.29	+ 3.33
Edgefield	4.75	+0.80	3.01	−1.16	3.52	−0.67	9.04	+7.92	4.78	+1.44	3.68	+0.08	6.14	+0.74	1.64	−2.28	6.87	+4.15	1.83	−0.85	2.95	+0.83	5.94	+2.86	54.15	+11.86
Gaston Shoals	4.94	+0.98	5.14	+1.03	3.75	−1.01	6.25	+2.96	6.48	+3.30	4.82	+2.51	7.79	+3.09	3.44	−1.97	11.68	+8.51	1.55	−1.39	1.09	−1.59	3.44	−1.10	60.37	+15.32
Greenville	5.09	+0.58	3.90	−1.35	2.46	−2.93	7.02	+3.37	3.36	−0.95	2.26	−2.83	5.95	+0.38	2.65	−3.23	8.55	+4.76	0.85	−2.35	0.81	−2.29	5.84	+1.06	48.74	+ 5.78
Greenwood	5.48	+1.70	3.82	−0.90	2.88	−1.14	6.21	+5.32	5.84	+2.29	1.54	−3.02	8.72	+3.45	1.85	−3.24	10.64	+6.98	1.79	−1.05	2.15	−0.54	6.56	+2.13	57.48	+ 9.88
Heath Springs	4.35	+0.76	3.47	−0.33	1.66	−1.89	4.91	+1.87	3.88	+0.71	7.45	+2.25	7.80	+2.91	4.67	−0.83	8.86	+5.87	1.05	−1.40	1.93	−0.26	4.95	+1.22	54.92	+10.88
Kershaw	3.42	.....	3.22	.....	2.14	.....	5.48	.....	4.62	.....	6.57	.....	7.10	.....	1.56	.....	9.81	.....	1.24	.....	1.93	.....	4.40	.....	51.49	.....
Landrum	4.59	.....	5.16	.....	3.69	.....	9.68	.....	4.00	.....	4.18	.....	10.52	.....	2.40	.....	10.88	.....	1.26	.....	1.00	.....	6.75	.....	64.11	.....
Laurens	4.78	.....	3.60	.....	2.74	.....	5.79	.....	3.52	.....	4.48	.....	7.50	.....	2.88	.....	13.24	.....	1.30	.....	1.88	.....	4.83	.....	56.54	.....
Liberty	5.01	+0.11	3.35	−2.25	1.90	−3.57	7.68	+1.80	3.93	−0.40	1.69	−3.50	7.30	+1.54	3.70	−2.81	11.05	+7.04	0.60	−3.25	0.55	−2.28	5.90	−0.35	52.66	− 7.92
Little Mountain	4.55	+1.17	2.97	−1.50	2.57	−1.09	6.86	+3.78	3.92	+1.00	8.98	+4.72	4.22	−0.66	5.04	−0.14	12.50	+9.66	1.59	−1.31	2.44	+0.08	6.11	+2.82	61.75	+18.53
Newberry	4.66	+0.77	3.42	−0.77	2.77	−1.02	6.98	+4.16	6.65	+3.39	6.31	+2.09	3.93	−1.22	2.21	−3.15	12.57	+9.70	2.02	−0.54	1.86	−0.70	6.70	+2.39	60.08	+15.10
Pelzer	5.14	+0.76	4.40	−0.22	3.12	−1.66	6.17	+2.43	4.57	+0.62	3.24	−1.01	3.62	−2.37	3.00	−1.83	10.74	+7.30	0.98	−2.52	0.76	−1.81	4.12	−1.26	49.86	− 1.57
Salnda	5.01	+1.36	3.25	−1.39	3.56	−0.45	7.80	+5.72	3.42	+0.60	1.93	−3.05	8.85	+3.76	3.30	−2.04	9.01	+5.93	2.00	−1.03	1.67	−0.69	6.66	+2.16	55.86	+10.28
Santuck	4.87	+1.17	5.51	+0.72	2.63	−1.80	6.08	+2.86	4.01	+0.95	4.43	+0.37	7.18	+2.07	3.16	−2.57	13.58	+1032	2.00	−1.24	2.63	−0.11	5.11	+0.95	61.19	+13.69
Spartanburg	5.58	+1.77	5.41	+0.83	2.72	−2.16	6.85	+3.77	4.35	+0.26	2.04	−2.64	8.39	+3.70	1.50	−4.09	11.83	+8.55	1.32	−1.49	1.20	−1.63	2.95	−1.29	54.14	+ 5.58
Trenton	4.40	−0.69	3.26	−1.83	3.51	−0.78	10.54	+7.19	4.15	+1.04	5.39	+0.78	3.66	−1.82	3.78	−2.09	8.93	+6.75	1.94	−1.15	2.63	+0.25	7.17	+3.37	59.36	+11.78
Walhalla	6.20	+1.41	6.32	+1.02	3.13	−3.46	9.22	+4.57	4.57	+0.81	1.82	−3.47	3.33	−3.09	2.63	−3.64	15.87	+1080	1.09	−1.39	0.85	−2.03	7.34	+2.07	62.37	+ 2.60
Winnsboro	3.83	+0.45	2.85	−1.49	2.61	−1.38	5.81	+3.13	4.42	+0.33	3.81	−0.58	2.76	−2.15	1.59	−3.75	12.32	+8.98	1.05	−2.05	2.41	+0.32	4.89	+1.48	48.35	+ 4.29
Winthrop College	4.85	+1.31	5.40	+1.34	2.30	−1.57	7.73	+4.61	3.68	+0.52	5.45	+0.31	3.10	−2.46	3.11	−2.58	13.38	+1036	1.15	−1.70	2.55	+0.36	6.48	+2.23	59.18	+11.72
Division means and departures.	4.62	+0.86	3.89	−0.72	2.76	−1.60	6.74	+3.47	4.31	+0.92	4.19	−0.42	6.06	+0.71	2.68	−2.72	11.49	+7.61	1.32	−1.71	1.57	−0.94	5.72	+1.44	55.35	+ 6.90
Section means and departures.	4.34	+0.88	3.54	−0.85	2.74	−1.20	5.90	+2.84	4.43	+0.75	5.12	+0.28	6.93	+0.97	2.86	−3.14	12.74	+8.69	1.50	−1.49	1.35	−0.90	5.54	+2.07	56.99	+ 8.89

The departures from the normal precipitation are computed only for such stations as have ten or more years of record.

Monthly and Annual Mean Temperatures for the Year 1924, with Departures from the Normal.

Stations.	January.		February.		Marcb.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
EASTERN PORTION.																										
Blackville	44.8	−2.7	47.5	−0.5	54.4	−3.3	[c]64.2	−0.2	....	.....	[c]80.6	+1.3	80.0	−1.5	81.6	+1.1	72.0	−3.6	62.6	−2.4	57.0	+1.4	51.9	+4.5	....	.....
Charleston	48.9	−1.0	49.5	−2.9	54.0	−3.4	64.0	−0.5	72.4	−0.3	81.2	+2.3	81.2	−0.2	82.2	+1.2	74.6	−2.0	65.8	−2.0	58.8	+0.7	52.8	+1.1	65.4	−0.6
Cheraw	41.1	−2.6	42.6	−2.4	49.3	−4.1	60.2	−1.3	68.4	−2.3	77.9	+0.7	78.4	−1.5	79.6	+1.0	69.4	−3.7	59.8	−2.3	52.5	+0.3	46.7	+2.9	60.5	−1.3
Conway	[c]48.0	0.0	46.6	−1.2	53.6	−2.7	63.4	+0.8	69.8	−1.1	78.8	+2.0	79.7	−0.1	80.9	+1.7	71.7	−2.5	63.0	−1.9	56.2	+2.0	51.4	+3.9	63.6	+0.1
Darlington	[a]43.2	−2.3	43.9	−1.4	51.4	−4.0	61.6	−0.3	68.8	−2.4	78.4	+1.6	[a]78.4	−1.5	[a]79.0	+0.1	70.6	−3.4	61.9	−1.8	54.2	+1.5	47.6	+2.4	61.6	−0.9
Ferguson	44.2	−3.1	45.4	−2.4	[c]50.4	−5.6	[a]61.3	−0.8	67.8	−3.4	.....	.....	[a]80.3	+0.9	[a]80.8	+2.4	71.2	−2.8	61.4	−2.8	55.8	+0.7	50.6	+2.6	.....	.....
Florence 1	46.2	+0.9	45.8	−0.3	52.4	−3.0	63.0	+0.4	70.9	−1.3	80.2	+1.8	80.8	−0.4	82.6	+2.4	72.0	−2.6	64.0	−0.1	56.6	+2.7	[a]49.8	+4.9	63.9	+0.7
Garnett	[a]48.4	.....	[a]49.7	.....	54.7	.....	65.5	....	[k]71.0	.....	[f]81.4	.....	81.2	.....	[c]82.8	.....	[a]73.8	.....	[c]63.8	.....	57.2	.....	[a]53.4	.....	65.2	.....
Georgetown	47.2	−1.6	47.2	−1.9	52.7	−5.4	62.9	−0.6	70.2	−2.0	79.1	+0.7	79.2	−1.3	80.1	−0.3	73.2	−2.7	65.8	−0.5	57.8	+1.7	51.0	+2.1	63.9	−0.9
Kingstree	48.6	+0.9	47.7	+0.2	53.9	−2.7	64.6	+1.4	70.4	−1.4	80.0	+2.0	80.0	−0.6	81.6	+2.1	73.4	−0.9	63.2	−1.3	55.6	+0.9	52.4	+5.1	64.3	+0.5
Orangeburg 1	45.7	.....	47.2	.....	53.6	.....	64.0	.....	70.2	.....	80.3	.....	79.6	.....	81.2	.....	72.2	.....	62.4	.....	55.6	.....	50.6	.....	63.6	.....
Paris Island	49.7	−1.9	49.4	−1.7	54.2	−4.2	64.0	−1.0	72.4	−1.1	80.0	+1.0	80.3	−1.1	82.2	+1.1	74.6	+2.4	66.8	−1.0	60.0	+1.3	54.6	+2.6	65.7	−0.7
Pinopolis	46.9	−0.9	.....	.....	53.3	−3.2	....	.....	68.4	−2.2	.....	.....	76.6	−1.4	...	.....	71.3	−2.6	60.8	−3.6	53.9	−0.5	52.1	+4.9	....	.....
St. George	46.2	−1.3	[a]47.6	−0.6	53.0	−4.7	63.4	−0.8	[c]71.2	−1.6	80.2	+1.7	80.2	−0.6	80.8	+0.8	72.2	−2.7	65.5	+0.3	[d]56.8	+1.2	50.5	+2.7	64.0	−0.4
Society Hill	41.5	−2.6	42.6	−2.2	[a]50.9	−3.8	60.9	−0.9	69.6	−1.2	[k]79.2	+2.3	.....	.....	[f]79.6	+1.1	[a]70.4	−2.7	61.8	−0.8	[a]53.2	+1.0	[c]46.2	+1.4	....	.....
Summerville	48.6	−0.8	48.2	−1.3	53.6	−4.6	63.2	−0.3	70.2	−1.7	[c]78.2	+0.9	79.7	0.6	81.2	+1.8	73.0	−1.7	64.2	−1.5	57.0	+1.4	52.4	+3.5	64.1	−0.4
Wedgefield	46.4	+0.5	46.3	−2.0	53.1	−2.4	63.2	+0.8	70.0	−1.2	79.4	+2.2	79.0	−0.2	80.6	+2.8	71.5	−2.4	63.4	−0.3	56.1	+2.2	49.5	+2.0	63.2	+0.2
Yemassee	48.8	+0.5	48.6	−0.4	51.3	−3.5	63.8	0.0	69.8	−2.8	80.0	+1.1	80.0	−0.8	81.4	+1.4	72.5	−2.8	63.4	−2.2	57.0	+1.5	52.3	+4.4	64.3	−0.3
Division means and departures.	46.3	−1.5	46.8	−1.2	52.9	−3.7	63.1	+0.1	70.1	−1.7	79.8	+2.1	79.6	−0.8	81.1	+1.6	72.2	−2.2	63.5	−1.3	56.1	+1.4	50.7	+1.5	63.5	−0.5
WESTERN PORTION.																										
Aiken	44.2	−1.9	46.4	−2.6	53.1	−2.1	64.4	+1.4	69.5	−1.9	79.9	+2.3	79.7	−0.4	81.2	+2.4	71.4	−2.8	62.8	−1.0	55.9	+1.8	49.2	+1.9	63.1	−0.3
Anderson	40.5	−3.8	43.0	−1.7	50.0	−4.0	60.3	−1.1	66.2	−4.2	77.4	+1.8	77.8	−1.8	80.3	+1.9	68.5	−5.2	62.0	−1.4	53.9	+1.1	43.7	−0.1	60.3	−1.5
Cesar's Head	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calhoun Falls	38.5	.....	40.9	.....	48.6	.....	59.8	.....	67.0	.....	77.4	.....	79.0	.....	79.3	.....	68.5	.....	59.1	.....	51.1	.....	43.2	.....	59.4	.....
Camden	43.2	−2.9	43.5	−4.3	49.8	−4.5	61.4	−1.1	67.9	−1.6	80.0	+2.3	79.9	−0.1	82.0	+3.1	[f]73.7	−0.1	.....	.....	55.0	+3.6	[f]50.0	+1.9	.....	.....
Chester	41.4	.....	41.2	.....	49.2	.....	60.2	.....	66.4	.....	[a]78.2	.....	78.4	.....	80.4	.....	[c]70.2	.....	60.2	.....	51.8	.....	[c]44.6	.....	60.2	.....
Clemson College	[b]40.0	−2.6	43.0	−0.2	49.4	−3.0	[b]61.2	+1.3	65.5	−3.4	77.2	+1.9	77.1	−0.6	79.0	+1.6	69.2	−3.6	[c]61.2	−0.4	52.5	+1.8	[a]41.0	+1.3	59.9	−0.5
Columbia	43.7	−2.3	44.5	−3.7	52.2	−3.0	62.2	−1.1	69.6	−2.3	79.7	+1.6	79.6	−1.3	80.9	+1.3	71.0	−3.5	62.6	−1.7	55.6	+1.6	49.0	+1.8	62.6	−1.0
Due West	39.4	−4.4	41.6	−2.8	48.6	−7.4	59.2	−1.5	66.2	−3.8	77.8	+1.3	77.7	−1.4	79.8	+1.5	68.2	−5.2	60.8	−1.6	52.5	−1.1	44.8	−1.2	59.3	−2.7
Greenville	39.2	−1.8	41.5	−1.8	48.4	−1.5	58.8	+0.2	65.2	−2.0	76.6	+2.5	76.5	−0.4	78.8	+3.0	67.4	−3.2	61.5	+1.3	52.2	+2.0	44.4	+2.2	59.1	0.0
Greenwood	38.8	−4.1	40.7	−2.8	48.3	−4.4	59.6	−1.5	66.0	−4.9	77.6	+0.2	76.4	−3.2	80.0	+1.6	68.8	−4.3	60.2	−2.0	53.4	+1.4	44.8	+1.8	59.6	−1.8
Heath Springs	44.0	+0.6	43.4	+0.4	50.1	−3.3	60.2	−0.2	66.6	−3.6	77.5	+1.1	77.6	−1.8	79.0	+0.1	68.6	−4.5	61.7	−0.7	53.9	+2.0	47.2	+5.0	61.3	+0.1
Kershaw	43.3	.....	42.6	.....	50.2	.....	61.2	.....	67.4	.....	78.1	.....	77.4	.....	79.4	.....	70.3	.....	61.8	.....	53.8	.....	47.1	.....	61.0	.....
Landrum	38.8	.....	40.9	.....	48.3	.....	59.2	.....	63.0	.....	75.6	.....	75.5	.....	78.6	.....	67.1	.....	61.3	.....	52.4	.....	43.8	.....	58.7	.....
Laurens	39.7	.....	41.8	.....	49.7	.....	[a]60.2	.....	[a]66.8	.....	78.1	.....	77.9	.....	80.0	....	68.6	.....	59.6	.....	51.9	....	44.8	.....	59.9	.....
Liberty	.....	.....	41.8	−1.6	47.6	−5.1	58.7	−1.9	63.8	−6.3	76.4	+0.1	76.6	−2.4	78.4	+0.4	67.1	−5.4	60.2	−1.8	52.3	+1.4	43.8	+1.0	....	.....
Little Mountain	41.9	−3.6	42.4	−3.4	[c]50.8	−4.6	60.8	−1.0	67.0	−4.9	76.9	−0.9	76.4	−3.9	79.7	+0.4	68.8	−5.9	60.5	−3.9	51.6	+0.7	46.3	+0.7	60.5	−2.5
Newberry	41.9	−2.9	42.7	−2.6	50.0	−4.6	60.7	−1.5	67.4	−4.8	78.9	+0.7	78.9	−1.8	81.6	+2.1	.....	.....	60.8	−2.8	53.9	+1.6	47.0	+2.7	.....	.....
Saluda	42.0	−3.4	43.8	−2.8	[a]50.6	−5.3	61.8	−0.5	67.6	−3.5	79.8	+2.3	79.1	−0.9	80.2	+1.0	70.2	−3.9	59.2	−4.6	52.8	+0.1	46.8	+1.4	61.2	−1.6
Santuck	40.2	−2.9	41.4	−1.8	48.4	−4.8	59.6	−0.8	65.4	−4.9	78.2	+1.5	78.6	−1.0	80.1	+1.6	68.6	−4.6	....	.....	50.8	−0.4	41.4	+1.3	.....	.....
Spartanburg	37.6	−4.0	39.8	−3.0	47.4	−3.7	58.8	−1.3	66.0	−3.4	78.2	+2.2	77.2	−1.9	80.4	+2.9	67.4	−4.6	59.9	−1.2	50.9	+0.2	42.2	+0.3	58.8	−1.5
Trenton	44.1	−2.4	44.8	−1.4	52.4	−3.6	62.4	−0.3	69.0	−3.1	79.5	+1.3	79.8	−0.4	79.9	+0.4	70.8	−4.2	63.2	+0.9	56.3	+1.3	49.6	+2.5	62.6	−0.8
Walhalla	39.0	−3.2	41.3	−1.8	47.4	−3.9	58.5	+0.2	64.2	−3.1	77.2	+2.5	77.1	+0.1	78.8	+2.4	67.8	−3.0	60.2	−0.6	50.7	−0.1	44.4	+1.1	58.9	−0.8
Winnsboro	40.9	−3.3	[b]42.8	−2.3	49.7	−3.8	[d]61.6	+0.5	68.2	−2.8	[a]80.0	+3.3	[c]78.6	−1.0	[f]81.4	+3.3	69.6	−3.6	[f]63.0	+0.6	[b]53.6	+0.7	45.9	+3.2	61.3	−0.4
Winthrop College	40.8	−2.7	41.8	−1.6	49.3	−4.0	60.4	−0.4	67.6	−2.5	78.4	+2.3	77.9	−1.2	78.5	+0.1	68.8	−3.8	62.1	−0.3	53.2	+1.5	45.2	+2.2	60.3	−0.9
Division means and departures.	40.9	−3.3	42.4	−2.7	49.1	−4.6	60.5	−0.6	66.6	−2.8	78.1	+1.4	77.9	−1.4	79.9	+1.5	69.2	−4.0	61.1	−1.5	53.1	+0.8	45.7	+1.5	60.4	−1.4
Section means and departures.	43.3	−2.3	44.2	−2.8	51.0	−3.9	61.6	−0.7	68.0	−3.1	78.7	+1.1	78.6	−1.1	80.4	+1.6	70.5	−3.7	62.2	−1.3	54.4	+0.6	47.6	+1.0	61.7	−1.2

The departures from the normal temperature are computed only for such stations as have ten or more years of record.
Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

(CONTINUED FROM PAGE 51.)

WEATHER BY MONTHS.

January.—Temperatures ranged considerably below the seasonal average, with rather rapid thermal changes and two marked cold waves, that of the 5-7th being the most severe since the winter of 1917-1918. Precipitation was above normal.

February.—There were two prolonged cold periods, and temperatures averaged decidedly below normal. Precipitation was below the average. Measurable snowfall occurred in the western and northern counties on the 27th. Damaging floods occurred in the Santee River District during the month.

March.—The month was unusually cold, with an extended period of abnormally low temperatures, especially during the day time, the daily means ranging from 5° to 20° below normal from the 8th to the 25th. Precipitation was considerably below normal. Measurable snowfall occurred in the western and northern counties on several dates.

April.—The month was marked by two of the most destructive tornadoes and the greatest loss of life by such storms in the history of South Carolina. They traversed the northern counties during the early morning and the central counties about noon; 76 persons were killed, and 778 were injured, and the property loss was estimated at $3,000,000; one person was killed by lightning at Columbia about noon, when a severe hailstorm caused approximately $60,000 damage. Temperatures averaged somewhat below normal, and precipitation was the greatest April average of record. The woods were green generally about the 10th.

May.—The weather was unseasonably cold, on the whole, and precipitation was above normal. Three tornadic storms injured five persons and damaged property to the extent of about $45,000.

June.—Temperatures ranged somewhat above normal, with a marked heat wave from the 18th to the 23d, inclusive. Pre-

cipitation was above normal, but very unevenly distributed. Two persons were killed by a tornado in Lee County on the 23d, and 32 were rendered homeless; the property loss approximated $10,000. There were 4 deaths by lightning. Hailstorms caused approximately $43,000 damage.

July.—Thermal conditions ranged somewhat below normal, with pleasant weather during the first and last parts of the month. Precipitation was above the average, with excessive amounts in the northern coastal region and a deficiency in the Piedmont. There was 1 death by lightning. Damaging floods occurred in the Pee Dee and Santee River Districts.

August.—The month was high in the group of warm Augusts, with the lowest average precipitation in 24 years. There were 2 deaths by lightning. Damage by lightning approximating $500 occurred in New Brookland on the 12th.

September.—The month was marked by much the greatest September rainfall of record, and the monthly amount was exceeded but once in the history of the Section, i. e., July, 1916, with an average of 14.69 inches. Temperatures ranged decidedly below normal.

October.—Temperature and precipitation were considerably below normal, with no precipitation of consequence until about the 25th. Damaging floods occurred in the Pee Dee and Santee River Districts.

November.—Temperatures averaged somewhat above normal; unusually mild weather during the first half was followed by a sharp freeze on the 19th, and again on the 26th. A severe wind squall at Ward on the 21st caused approximately $5,000 damage. The woods were generally bare by the 23d.

December.—The month was warmer than usual, with abnormal heat of 18° to 24° per day in two periods, some maximum temperature records being broken about the 17th, 18th, and 19th. Precipitation was much above normal. Scattered snow flurries occurred on the 23d and 25th.

COMPARATIVE DATA FOR SOUTH CAROLINA.

Year.	Temperature.			Precipitation		Average number of days.			Prevailing wind direction.
	Mean.	Highest.	Lowest.	Average.	Average days with 0.01 inch or more.	Clear.	Partly Cloudy.	Cloudy.	
1887	62.3	110	5	43.43	101	.....	.....	.....	.....
1888	61.8	108	13	54.63	104	.....	.....	.....	sw.
1889	62.0	102	10	46.76	86	.....	.....	.....	se. †
1890	64.4	104	11	42.29	.....	.....	.....	.....	sw.
1891	63.0	.....	13	47.52	.....	.....	.....	.....	.....
1892	62.4	102	6	47.36	.....	.....	.....	.....	.....
1893	63.0	104	3	53.68	98	.....	.....	.....	sw.
1894	63.5	105	− 1	50.49	105	154	123	88	sw.
1895	61.9	105	− 6	48.99	88	154	116	95	sw.
1896	63.9	104	5	44.95	86	163	119	84	sw.
1897	63.3	107	3	46.40	99	158	102	105	sw.
1898	63.2	106	8	49.26	107	143	111	111	sw.
1899	62.8	105	−11	46.76	95	158	104	103	sw.
1900	63.2	106	1	49.79	96	167	99	99	sw.
1901	61.1	102	2	54.98	106	167	102	96	sw.
1902	62.6	107	10	46.43	98	172	99	94	sw.
1903	62.2	105	10	50.87	103	166	95	104	sw.
1904	61.7	105	8	40.98	95	188	87	91	sw. †
1905	62.6	107	0	45.10	92	169	85	111	sw. †
1906	63.3	102	11	54.81	107	159	103	93	sw.
1907	63.3	106	12	47.79	99	157	123	75	sw.
1908	63.7	100	12	53.33	94	169	114	83	sw.
1909	63.4	105	7	44.61	91	178	113	73	sw.
1910	62.7	103	11	45.31	91	181	111	73	sw.
1911	64.9	106	16	39.80	91	161	120	84	sw.
1912	62.5	109	6	54.32	102	177	70	119	sw.
1913	63.8	109	16	47.57	93	181	81	103	sw.
1914	62.5	108	11	43.39	96	163	110	92	w.
1915	62.9	106	17	48.89	93	190	92	83	w.
1916	63.4	103	10	43.91	93	184	97	85	sw.
1917	61.4	102	− 5	43.49	97	192	85	88	sw.
1918	63.2	106	− 2	46.48	94	186	85	94	sw.
1919	64.1	103	8	46.79	88	189	88	88	ne.
1920	61.9	105	6	52.24	93	183	83	100	ne.
1921	64.8	104	17	42.83	90	178	97	90	w.
1922	64.0	101	14	58.17	112	163	91	111	ne.
1923	63.1	104	11	46.60	98	176	85	104	sw.
1924	61.7	105	1	56.99	97	196	71	99	w.
Annual	62.9	110	−11	48.10	97	173	99	94	sw.

† Also other directions.

MONTHLY AND ANNUAL CLIMATOLOGICAL DATA FOR SOUTH CAROLINA, YEAR 1924.

Months.	Temperature.				Precipitation.			Relative humidity.			Percentage of possible sunshine.	Number of days.				Wind.	
	Mean.	Departures.	Highest.	Lowest.	Average.	Departures.	Greatest local monthly amount.	Average—8 a. m.	Average—Noon.	Average—8 p. m.		Rainy.	Clear.	Partly Cloudy.	Cloudy.	Average hourly velocity.	Prevailing direction.
January	43.3	−2.3	76	1	4.24	+0.88	6.20	79	62	68	55	9	16	4	11	8.3	ne.
February	44.2	−2.8	79	13	3.54	−0.85	6.32	78	58	63	59	7	15	5	9	9.6	w.
March	51.0	−3.9	88	19	2.74	−1.20	4.37	75	57	63	63	7	17	6	8	9.9	w.
April	61.6	−0.7	91	24	5.90	+2.84	10.54	78	59	66	63	10	15	5	10	9.3	w.
May	68.0	−3.1	96	33	4.43	+0.75	7.61	74	53	64	71	9	17	7	7	8.2	w.
June	78.7	+1.1	104	52	5.12	+0.28	13.02	82	60	75	68	10	13	9	8	6.8	sw.
July	78.6	−1.1	103	56	6.93	+0.97	17.03	85	64	77	63	12	14	9	8	6.0	w.
August	80.4	+1.6	105	53	2.86	−3.14	8.28	83	58	72	73	6	18	9	4	6.2	w.
September	70.5	−3.7	100	41	12.74	+8.69	17.32	85	68	78	51	15	12	5	13	7.9	ne.
October	62.2	−1.3	89	28	1.50	−1.49	3.20	81	53	68	79	2	23	3	5	6.8	ne.
November	54.4	+0.6	87	21	1.35	−0.90	2.95	84	55	68	79	2	23	4	3	6.2	w.
December	47.6	+1.0	86	14	5.54	+2.07	9.58	80	63	72	51	8	13	5	13	7.8	ne.
Annual	61.7	*−1.2	105	1	56.99	*+8.89	17.32	80	59	70	65	97	196	71	99	7.8	w.

* From 38-year averages.

KILLING FROST OR FREEZING TEMPERATURE DATES AND GROWING DAYS.

Stations.	1924.		Averages—all records.		
	Last in spring.	First in autumn.	Last spring date.	First autumn date.	No. of growing days.
EASTERN PORTION.					
Blackville	Apr. 2	Nov. 19	Mch. 20	Nov. 12	237
Charleston	Mch. 11	Dec. 2	Feb. 20	Dec. 10	293
Cheraw	Apr. 3	Nov. 19	Mch. 29	Nov. 3	219
Conway	Apr. 3	Nov. 19	Mch. 23	Nov. 8	230
Darlington	Apr. 3	Nov. 19	Mch. 31	Nov. 2	216
Ferguson	Apr. 3	Nov. 20	Mch. 28	Nov. 7	224
Florence No. 1	Mch. 17	Nov. 19	Mch. 23	Nov. 11	233
Garnett	Mch. 17	Nov. 19	.....	.....	.....
Georgetown	Apr. 2	Nov. 19	Mch. 10	Nov. 18	253
Kingstree	Mch. 17	Nov. 19	Mch. 16	Nov. 15	244
Orangeburg No. 1	Mch. 17	Nov. 19	.....	.....	.....
Paris Island	Mch. 17	Feb. 12*	Feb. 24	Dec. 1	280
Pinopolis	Mch. 18	Nov. 20	Mch. 6	Nov. 26	265
St. George	Mch. 17	Nov. 19	Mch. 11	Nov. 13	247
Society Hill	Apr. 3	Nov. 19	Mch. 22	Nov. 8	231
Summerville	Mch. 17	Nov. 19	Mch. 15	Nov. 14	244
Wedgefield	Apr. 2	Nov. 19	Mch. 22	Nov. 19	242
Yemassee	Apr. 3	Nov. 19	Mch. 13	Nov. 12	244
Normal	.....	.....	Mch. 17	Nov. 13	241
Averages for 1924	Mch. 26	Nov. 26	.....	.....	245
WESTERN PORTION.					
Aiken	Mch. 17	Nov. 20	Mch. 16	Nov. 18	247
Anderson	Apr. 2	Nov. 19	Mch. 27	Nov. 5	223
Calhoun Falls	Apr. 2	Nov. 19	.....	.....	.....
Camden	Apr. 2	Nov. 19	Mch. 11	Nov. 11	245
Chester	Apr. 2	Nov. 19	.....	.....	.....
Clemson College	Apr. 3	Oct. 23	Apr. 2	Nov. 3	215
Columbia	Mch. 17	Nov. 19	Mch. 18	Nov. 18	245
Due West	Apr. 2	Nov. 19	Mch. 21	Nov. 10	234
Greenville	Apr. 2	Nov. 19	Apr. 3	Nov. 2	213
Greenwood	Apr. 3	Nov. 19	Mch. 25	Nov. 8	228
Heath Springs	Apr. 2	Nov. 19	Mch. 29	Nov. 4	220
Kershaw	Apr. 3	Nov. 19	.....	.....	.....
Landrum	Apr. 3	Oct. 23	.....	.....	.....
Laurens	Apr. 3	Nov. 19	.....	.....	.....
Liberty	Apr. 3	Oct. 22	Mch. 31	Nov. 2	216
Little Mountain	Apr. 2	Oct. 23	Mch. 25	Nov. 11	231
Newberry	Apr. 2	Nov. 19	Mch. 30	Nov. 4	219
Saluda	Apr. 3	Oct. 23	Apr. 5	Oct. 26	204
Santuck	Apr. 3	Oct. 23	Apr. 3	Oct. 31	211
Spartanburg	Apr. 3	Nov. 19	Mch. 30	Nov. 1	216
Trenton	Apr. 2	Nov. 19	Mch. 21	Nov. 14	238
Walhalla	Apr. 4	Oct. 24	Apr. 8	Oct. 29	204
Winnsboro	Apr. 2	Nov. 19	Mch. 27	Nov. 12	230
Winthrop College	Apr. 2	Nov. 19	Mch. 29	Nov. 5	221
Normal	.....	.....	Mch. 27	Nov. 7	225
Averages for 1924	Apr. 2	Nov. 12	.....	.....	224
Section Normal	.....	.....	Mch. 23	Nov. 10	232
Section averages for 1924	Mch. 30	Nov. 19	.....	.....	234

NOTE.—Killing frost data in above table determined according to the following standard: Last or first clear or partly cloudy day with temperature of 32° or lower and last or first cloudy day with 31° or lower, but without rain, sleet or snow; in case of precipitation, then the next preceding or succeeding day with proper temperature and weather was used. The average number of growing days is the difference between the average spring and autumn killing frost dates. *1925.

MAP SHOWING LOCATION OF OBSERVATION STATIONS.

KEY TO SYMBOLS.

⊙ Meteorological observations. (Regular Weather Bureau Stations, including Greenville.)

○ Meteorological observations. (Sub stations.)

WBO, Raleigh, 3-27-25—1,000

UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., JANUARY, 1925. No. 1.

GENERAL SUMMARY.

Precipitation was decidedly above all previous high averages for January. Temperatures averaged somewhat below normal, with no marked extremes, except a sharp cold wave during the night of the 27th.

On account of soggy soil, incident to heavy to excessive rains at rather frequent intervals, but little plowing could be done, and only the ordinary outdoor work was accomplished. On the whole, wheat, oats, rye, and winter truck maintained about normal growth, but the nights were rather too cold for best development until during the third week, when the temperatures improved. The weather was generally favorable for hog killing, and considerable pork was cured in good condition.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.20 inches. The highest pressure was 30.64 inches at Charlotte and Wilmington, N. C., and at Due West, S. C., on the 15th; the lowest pressure was 29.71 inches at Augusta, Ga., on the 11th, and in the Section proper, 29.74 inches at Charleston and Columbia on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 44.9°, or 0.6° below the normal. The highest temperature was 76° at Garnett on the 17th and 26th. The warm periods were from the 4th to the 9th, 16th to 22d, and 25th to 27th, inclusive. The lowest temperature was 18° at Caesar's Head on the 14th. The cold periods were from the 1st to 3d, 10th to 15th, 23d to 24th, and 28th to 30th, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 86%; noon, 70%; 8 p. m., 75%. The highest percentages occurred along the coast and in the Savannah drainage basin, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 8.54 inches, or 4.95 inches above the normal, and the greatest January average of record by 1.23 inches. There were four periods of precipitation, which was badly distributed, with over 12.00 inches in the central counties, less than 7 inches in some Piedmont counties, and less than 5 inches along the central coast. The greatest local monthly amount was 12.50 inches at Aiken; least local monthly amount, 4.40 inches at Georgetown. The greatest amount during any 24 hours was 3.35 inches at Paris Island on the 16th. Snowfall, ranging from Traces to 1.0 inch, occurred at a few stations on the 28th and 29th. A general glaze and sleet storm occurred throughout the Section on the 28th and 29th; the sleet ranged from Traces to 2.5 inches in depth. The average number of rainy days was 38% above normal.

A severe windstorm, with many of the characteristics of a tornado, occurred at Barnwell at 1:30 p. m. on the 16th, with an approximate damage to buildings and shade trees of $3,000.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.4 miles. The highest average velocity was 10.6 miles per hour at Savannah, Ga., and in the Section proper, 9.8 miles per hour at Charleston; the lowest average velocity was 4.7 miles per hour at Augusta, Ga., and in the Section proper, 5.8 miles per hour at Greenville. The highest velocity for any 5-minute period was 39 miles per hour from the west at Savannah, Ga., on the 11th, and in the Section proper, 36 miles per hour from the northeast at Charleston on the 19th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 142.3 hours, or 45% of the possible amount. The average number of clear days was 12; partly cloudy, 4, and cloudy, 15, as against normals of 13, 7, and 11 days, respectively.

RIVER CONDITIONS.

On account of heavy to excessive rains throughout the Section, freshet conditions and floods were frequent in all the rivers, the waters reaching unusually high stages during and after the rains between the 16th and 20th. The unavoidable losses in the Santee River District approximated $32,875, and the value of movable property saved by warnings has been estimated at $85,925. In the Pee Dee River District the losses approximated $10,600, and the value of movable property saved approximated $201,000. Data for the Savannah River district are not available.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 7; Due West, 7, 15; Walhalla, 15. *Solar:* Charleston, 21, 23; Columbia, 15, 21, 23, 25, 26, 30; Due West, 15, 21, 23, 25, 26, 30; Greenville, 23.

Thunderstorms.—Calhoun Falls, 11; Charleston, 11, 19; Columbia, 11; Summerville, 11.

MISCELLANEOUS DATA FOR JANUARY, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.21	37.6	59	18	2.74	0.59	8.7	se.	86	64	68	46
Augusta, Ga.....	30.20	46.4	69	29	12.60	2.94	4.7	nw.	91	72	79	47
Charleston, S. C...	30.18	50.6	68	32	4.85	2.63	9.8	ne.	88	72	79	51
Charlotte, N. C....	30.20	40.5	64	21	6.91	1.34	5.5	ne.	81	66	70	41
Columbia, S. C....	30.21	44.9	69	26	10.03	2.82	5.9	ne.	88	70	74	45
Due West, S. C....	30.22	41.9	64	23	6.96	1.65	8.7	ne.	87	66	...	44
Greenville, S. C...	30.18	41.6	62	25	7.12	1.53	5.8	e.	82	72	72	47
Savannah, Ga.....	30.17	53.6	78	34	5.49	2.31	10.6	ne.	85	70	78	43
Wilmington, N. C.	30.20	46.3	72	26	5.36	1.25	6.5	n.	85	76	83	43
Means and extremes.....	30.20	44.8	78	18	6.20		7.4	ne.	86	70	75	45

JAN 22 1925
UNIVERSITY OF ILLINOIS

Climatological Data for January, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	41	48.0	+0.5	74	25	25	†15	43	9.10	+6.18	2.55	0	10	11	4	16	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	50.6	+0.7	68	27	32	28	29	4.85	+1.40	2.63	0	10	7	7	17	ne.	U. S. Weather Bureau.
Chernw	Chesterfield	144	43	42.9	−0.8	70	26	22	†15	42	8.31	+5.41	1.83	0	11	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	35	47.8	−0.2	73	26	25	15	44	7.69	+4.22	1.76	1.0	14	11	2	18	ne.	Paul Quattlebaum.
Darlington	Darlington	175	30	42.8	−2.7	72	27	23	31	44	8.81	+6.26	1.43	0	13	17	1	13	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	.....	9.52	+6.16	1.80	0	11	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	39	47.2	−0.1	72	26	24	15	40	9.62	+6.04	2.04	0	13	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	43	45.0	−0.3	72	26	26	†29	41	10.33	+7.53	2.21	0	14	13	4	14	ne.	H. K. Gilbert.
Florence 2	....do	136	10	.....	.....	.....	.....	.....	.....	.....	10.42	+7.62	1.57	0	13	10	3	18	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	[c]52.0	.....	[b]76	†17	[c]27	15	[c]41	7.65	.....	2.27	0	11	13	5	13	w.	Maner B. Robert.
Georgetown	Georgetown	18	32	47.8	−1.0	75	11	25	15	46	4.40	+1.00	2.20	0	6	15	1	15	n.	A. P. Hazard.
Kingstree	Williamsburg	54	43	47.8	+0.1	70	† 8	26	31	40	9.19	+6.13	2.25	T.	11	15	2	14	ne.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	7.99	.....	1.87	0.2	8	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	47.2	.....	73	26	25	15	42	10.94	.....	2.41	T.	13	13	7	11	ne.	U.S. Fisheries Station.
Paris Island	Beaufort	13	44	53.4	+1.8	75	17	37	†28	34	6.23	+3.50	3.35	0	8	7	6	18	.....	U.S. Naval Aerological Sta.
Pinopolis	Berkeley	54	78	48.4	+0.6	72	20	29	15	.....	5.58	+2.48	2.80	T	9	....	....	....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	11.30	+8.32	2.15	0	11	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	[a]46.9	−0.6	[a]73	26	[a]24	29	[a]40	8.52	+5.43	2.55	0	13	10	7	14	.....	R. L. Utsey.
Society Hill	Darlington	192	34	42.8	−1.3	72	25	19	14	47	7.82	+4.82	1.42	0	12	13	2	16	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	49.6	+0.2	73	26	25	15	39	5.99	+2.93	2.25	0	13	10	10	11	ne.	D. P. Dehon.
Wedgefield	Sumter	249	35	46.1	+0.2	70	26	24	28	44	9.75	+6.33	2.00	0	10	15	5	11	ne.	W Hampton Ramsey.
Yemassee	Hampton	24	36	50.6	+2.3	75	26	27	31	41	7.14	+4.37	2.55	0	9	11	3	17	ne.	W. C. Hutson.
Division means and	extremes	.....	....	47.6	−0.2	76	†17	19	14	47	8.23	+5.16	3.35	T.	12	12	4	15	ne.	
Western Portion.																				
Aiken	Aiken	527	63	46.2	+0.1	69	27	27	14	40	12.50	+8.92	2.71	T.	10	13	6	12	ne.	Frank B. McCoy.
Anderson	Anderson	764	32	43.0	−1.3	62	†22	24	14	36	9.32	+5.39	1.99	0	12	13	2	16	e.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	9.03	+5.55	1.66	0	12	....	....	....	.....	Esther B. Owens.
Cæsars Head ††	Greenville	3118	1	.....	.....	.....	.....	18	14	.....	8.20	.....	1.40	0	8	17	1	13	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	40.6	.....	65	26	23	†24	39	9.28	+5.28	1.89	0	12	10	6	15	s.	L. M. Parker.
Camden	Kershaw	222	75	45.8	−0.3	69	26	25	31	40	11.84	+8.46	2.50	0	14	14	17	0	ne.	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	.....	7.45	+3.98	1.45	0	9	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	8.95	+5.63	1.60	0	11	....	....	....	.....	George V. Clamp.
Chester	Chester	487	3	.....	.....	65	26	.....	.....	.....	9.69	.....	1.85	0	10	13	15	3	sw.	J. C. Cornwell.
Clemson College	Oconee	850	33	42.6	0.0	68	27	19	14	39	7.55	+2.63	2.62	0	8	13	3	15	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	44.9	−1.1	69	26	29	25	29	10.03	+6.74	2.82	0	10	8	8	15	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	11	41.9	−1.9	64	26	23	14	28	6.96	+3.33	1.65	0	12	10	4	17	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	.....	.....	.....	12.00	+8.05	2.41	0	11	....	....	....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	7.51	+3.55	1.99	0	12	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	41.6	+1.3	62	26	26	29	26	7.12	+2.61	1.53	0	13	12	3	16	e.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	43.2	+0.3	67	27	28	†14	35	9.54	+5.75	1.80	0	12	14	0	17	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	42.9	−0.5	62	†25	23	29	36	6.08	+2.49	1.60	0	7	13	3	15	n.	J. Marvin Bowers.
Kershaw	Kershaw	500	9	43.4	.....	69	26	24	28	39	7.96	.....	1.58	0	11	12	0	19	e.	John W. Hamel.
Landrum	Spartanburg	1063	10	41.6	−0.6	62	22	20	15	32	8.91	+3.08	1.98	0	12	14	3	14	ne.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	41.2	.....	68	26	20	14	37	7.56	.....	1.53	0	10	11	7	13	e.	L. G. Roff.
Liberty	Pickens	900	25	41.0	−1.9	62	26	19	14	36	6.50	+1.60	1.50	0	7	16	1	14	e.	O. F. Boggs.
Little Mountain	Newberry	711	32	[b]42.8	−2.7	[b]69	27	23	†28	[b]46	8.67	+5.29	1.71	T.	11	16	3	12	n.	Miss Alberta Sease.
Newberry	Newberry	502	21	.....	.....	70	26	.....	.....	.....	7.53	+3.64	1.55	0	13	14	3	14	w.	John H. Baxter.
Pelzer	Anderson	850	21	.....	.....	.....	.....	.....	.....	.....	10.20	+5.82	2.02	0	12	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	43.4	−2.0	67	26	22	15	39	9.38	+5.73	1.83	0	14	9	10	12	n.	W. S. Crout.
Santuck	Union	512	32	41.7	−1.4	67	26	19	14	39	7.53	+3.83	1.50	0	9	13	5	13	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	48	40.2	−1.4	62	23	23	14	37	7.72	+3.91	1.70	0	13	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	32	45.5	−1.1	68	26	25	29	41	11.80	+8.47	2.49	0	9	13	6	12	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	42.2	0.0	65	22	20	14	38	8.00	+3.21	1.50	0	13	13	8	10	se.	H. W. Brandt.
Winnsboro	Fairfield	545	21	[d]42.0	−2.2	[d]69	26	[c]24	29	[d]37	8.10	+4.72	1.46	0	12	12	3	16	ne.	Rev. Oliver Johnson.
Winthrop College ‡‡	York	690	25	42.8	−0.7	66	25	23	†28	41	8.57	+5.06	1.40	0	12	12	5	14	n.	W. T. Clawson.
Division means and	extremes	.....	....	42.7	−1.5	70	26	18	14	46	8.75	+4.99	2.82	T.	11	12	4	15	ne.	
Section means and	extremes	.....	....	44.9	−0.6	76	†17	18	14	46	8.54	+4.95	3.35	T.	11	12	4	15	ne	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for January, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville |||	Edisto	....	....	....	....	....	....	....	....	....	.10	.75	.60	....	....	....	....	.25	1.75	2.50	2.55	....	....	....	....	....	.10	.25	....	.25	....	....	9.10
Charleston ***	Cuust	T.	....	....	....	.16	....	....	.01	.02	T.	.18	....	....	....	....	2.63	....	.58	.51	....	....	....	....	....	....	T.	.07	.65	.04	....	....	4.85
Cheraw |||	Pee Dee	.92	.24	....	....	....	....	....	....	.58	1.63	.12	....	....	....	....	1.32	.42	.82	1.83	....	....	....	....	....	....	....	.15	.28	....	....	8.31
Conway |||	Waccamaw	.40	.05	....	....	....	.06	....	....	.18	.10	.90	.61	....	....	....	.13	1.76	.55	1.18	.35	....	....	....	....	....	....	.17	1.25	....	....	....	7.69
Darlington |||	Pee Dee	.40	.04	....	....	....	....	....	....	....	.25	1.30	.87	.04	....	....	.26	1.15	.80	1.43	1.35	....	....	....	....	....	....	.22	.70	....	....	....	8.81
Effingham |||	Lynches	.90	T.	....	....	....	....	....	....	....	.15	1.25	.57	....	....	....	.16	1.80	.85	1.50	1.20	....	....	....	....	....	....	T.	.22	.92	....	....	9.52
Ferguson |||	Santee	.72	....	....	....	....	....	....	....	.32	.13	.81	1.01	....	....	....	.33	2.04	.87	1.13	.96	....	....	....	....	....	.09	.39	.82	....	....	....	9.62
Florence 1 |||	Pee Dee	1.22	.07	....	....	....	....	....	....	.08	.16	1.22	.62	....	....	....	.36	1.21	.96	2.21	1.14	....	....	....	....	....	.01	.04	1.03	....	....	....	10.33
Florence 2 |||	.....do	.78	1.00	....	....	....	....	....	....	....	.23	1.00	.90	....	....	.30	1.00	.23	1.00	1.53	1.57	....	....	....	....	....	....	.26	.62	....	....	....	10.42
Garnett	Savannah	T.	....	....	....	.10	.03	....	....	.08	T.	.80	....	....	....	....	2.27	....	.40	1.50	.20	....	....	....	....	....	.01	1.20	1.06	T.	....	....	7.65
Georgetown	Coast	T.	....	....	....	....	....	....	....	....	.15	.33	T.	T.	....	....	2.20	T.	T.	.57	....	....	....	....	....	....	....	.65	.50	....	....	....	4.40
Kingstree |||	Black	.80	....	....	....	....	....	....	.15	.05	1.70	.20	....	....	....	....	1.80	.50	1.75	.70	....	....	....	....	....	....	.30	1.24	....	....	....	9.19
Mars Bluff	Pee Dee	1.03	....	....	....	....	....	....	....	.20	1.00	.40	....	....	....	....	1.47	.60	1.87	1.22	....	....	....	....	....	....	....	.20	....	....	....	....	7.99
Orangeburg	Edisto	.35	T.	T.	....	....	....	....	....	.02	.10	2.17	.01	....	....	....	1.77	.44	2.00	2.41	.61	....	....	....	....	....	.18	.43	.45	....	....	....	10.94
Paris Island	Coast	....	....	....	....	.60	....	....	.15	....	....	.02	....	....	....	....	3.35	....	1.05	.12	....	....	....	....	....	....	.90	.04	....	....	....	....	6.23
Pinopolis	Cooper	....	....	....	....	.10	....	....	.08	....	.50	....	....	....	....	....	2.80	.50	.50	.50	....	....	....	....	....	....	.10	.50	....	....	....	....	5.58
Rimini |||	Santee	.55	....	....	....	....	....	....	....	....	.15	1.10	.65	....	....	....	.65	1.45	1.90	2.15	1.85	....	....	....	....	....	....	.65	.20	....	....	....	11.30
St. George	Edisto	.40	....	....	....	....	02	....	....	.08	.02	1.05	.45	....	....	....	.20	2.55	.05	1.40	.75	....	....	....	....	....	.25	....	1.30	....	....	....	8.52
Society Hill |||	Pee Dee	.66	....	.02	....	....	....	....	....	.40	1.02	.88	.02	....	....	....	1.25	.75	1.00	1.42	....	....	....	....	....	....	.12	.88	....	....	....	....	7.82
Summerville	Ashley	....	....	....	....	.10	.10	....	....	.05	....	.03	....	....	....	....	2.25	.05	.20	1.20	.05	....	....	....	....	.01	.05	1.15	.75	....	....	....	5.99
Wedgefield	Wateree	T.	....	....	....	....	....	....	....	T.	.30	2.00	.15	....	....	....	1.95	.50	1.25	2.00	.60	....	....	....	....	....	....	.30	.70	....	....	....	9.75
Wemassee |||	Ashepoo	.34	....	....	....	....	.15	....	....	.10	....	....	.67	....	....	....	....	2.55	....	1.12	.34	....	....	....	....	....	....	.77	1.10	....	....	....	7.14
Western Portion.																																	
Aiken	Edisto	....	....	....	....	....	....	....	....	....	.58	1.84	....	....	....	....	2.71	.93	2.43	2.15	.73	....	....	....	....	....	.30	.57	.26	....	....	....	12.50
Anderson	Savannah	....	....	....	....	....	....	....	.06	1.24	1.50	1.99	....	....	....	....	1.30	.20	1.39	1.17	.20	....	....	....	....	.02	....	.05	.20	....	....	....	9.32
Blairs |||	Broad	1.66	....	....	....	....	....	....	....	.05	.64	.86	.51	....	....	....	.20	1.28	.88	1.31	1.24	....	....	....	....	....	....	.10	.30	....	....	....	9.03
Cesar's Head	Saluda	....	....	....	....	....	....	....	....	1.40	1.32	1.40	....	....	....	....	1.32	....	1.40	1.32	....	....	....	....	....	....	....	.02	.02	....	....	....	8.20
Calhoun Falls |||	Savannah	1.10	....	....	....	....	....	....	....	.06	.48	1.32	.36	.06	....	....	.76	1.56	1.89	1.00	.54	....	....	....	....	....	T.	.15	....	....	....	....	9.28
Camden |||	Wateree	.75	.02	....	....	....	....	....	....	.10	.37	2.05	1.30	.05	....	....	.25	1.55	1.33	1.25	2.50	....	....	....	....	....	....	.20	.12	....	....	....	11.84
Catawba |||	Catawba	1.45	....	....	....	....	....	....	....	T.	1.25	.85	.45	....	....	....	T.	1.13	.61	.51	.91	....	....	....	....	....	....	....	.29	....	....	....	7.45
Chappells |||	Saluda	1.12	....	....	....	....	....	....	....	....	.47	1.60	.23	....	....	....	.55	1.25	1.15	1.12	1.16	....	....	....	....	....	....	.05	.25	....	....	....	8.95
Chester	Broad	.20	....	....	....	....	....	....	1.85	1.50	1.30	.82	....	....	....	....	1.10	.30	1.12	.80	.60	....	....	....	....	....	T.	.10	....	....	....	....	9.69
Clemson College	Savannah	....	.01	....	....	....	....	....	....	1.15	2.02	.30	....	....	....	....	1.19	.20	....	2.62	....	....	....	....	....	....	....	....	.06	....	....	....	7.55
Columbia ***	Congaree	T	....	T.	....	....	....	....	T	.23	.77	1.46	T.	....	....	....	2.06	.61	1.61	2.71	T.	....	....	....	....	....	.05	.50	.03	....	....	....	10.08
Due West***	Savannah	.01	....	T.	....	....	....	....	T.	.72	.93	.96	T.	....	....	.03	1.41	.81	1.28	.73	T	....	....	....	....	T.	.02	.05	.01	....	....	....	6.96
Edgefield |||	Savannah	.98	....	....	....	....	....	....	....	1.03	.09	2.41	.32	....	....	....	.57	1.80	1.68	1.69	1.08	....	....	....	....	....	....	....	.35	....	....	....	12.00
Easton Shoals |||	Broad	1.99	.01	....	....	....	....	....	....	.05	1.20	.75	.83	....	....	....	.15	.20	.98	.35	.80	....	....	....	....	....	....	....	.20	....	....	....	7.51
Greenville ***	Saluda	....	.02	T.	....	....	....	....	T.	1.03	1.27	1.12	.02	....	....	.02	1.08	.59	1.09	.83	.01	....	....	....	....	T.	T.	.02	.02	....	....	....	7.12
Greenwood |||	.....do	1.80	....	....	.15	....	....	....	....	.18	.52	.81	.49	....	....	....	.55	1.35	1.40	.93	.92	....	....	....	....	....	....	....	.44	....	....	....	9.54
Heath Springs	Wateree	....	....	....	....	....	....	....	....	.58	....	1.34	....	....	....	....	1.00	.18	1.00	1.00	....	....	....	....	....	....	....	*	.38	....	....	....	6.08
Kershaw |||	Lynches	.96	.03	....	....	....	....	....	....	.13	.47	1.08	.38	....	....	....	....	1.42	.72	.90	1.58	....	....	....	....	....	....	....	.32	....	....	....	7.96
Landrum	Broad	.08	.07	....	....	....	....	....	....	.84	1.98	.91	.11	....	....	....	1.38	.22	1.88	1.02	.26	....	....	....	....	....	....	....	.16	....	....	....	8.91
Laurens	Saluda	T.	....	....	....	....	....	....	T	.72	.87	1.53	.01	....	....	....	1.22	.25	1.34	1.47	.04	....	....	....	....	....	T.	T.	.11	....	....	....	7.56
Liberty	Savannah	T	....	T.	....	....	....	....	....	1.10	1.15	.60	....	....	....	....	1.00	.25	1.50	.90	T.	....	....	....	....	T.	T	T.	....	....	....	....	6.50
Little Mountain	Saluda	.04	....	....	....	....	....	....	....	.32	1.20	1.35	.10	....	....	....	1.65	.30	1.35	1.71	....	....	....	....	....	....	....	.30	.35	....	....	....	8.67
Newberry	Saluda	.03	....	T.	....	....	....	....	....	.55	.88	.63	.05	....	....	....	1.55	.32	1.43	1.55	.04	....	....	....	....	....	.15	.05	.30	....	....	....	7.53
Pelzer |||	.....do	1.40	....	....	....	....	....	....	....	.32	1.62	2.02	.64	....	....	....	.22	1.04	1.06	.96	.74	....	....	....	....	....	.04	....	.14	T	....	....	10.20
Saluda	.....do	.01	....	....	.02	....	....	....	....	.18	1.42	1.57	.03	....	....	....	1.82	.76	1.17	1.83	.16	....	....	....	....	....	.02	.03	.36	....	....	....	9.38
Santuck	Broad	....	....	....	....	....	....	....	....	1.14	.65	1.24	....	....	....	....	1.28	.22	1.24	1.22	.29	....	....	....	....	....	T.	T.	.25	....	....	....	7.53
Spartanburg |||	.....do	1.70	.03	.02	....	....	....	....	....	.07	1.07	.70	1.05	....	....	....	.09	1.03	.81	.67	.36	....	....	....	....	....	....	....	.12	....	....	....	7.72
Trenton	Edisto	....	....	T.	....	....	....	....	....	.15	.74	2.49	T.	....	....	....	2.42	.50	1.91	1.97	.23	....	....	....	....	....	T	T.	.40	....	....	....	11.80
Valhalla	Savannah	.03	.03	....	....	....	....	....	.05	1.38	1.50	.82	.03	....	....	....	1.38	.41	1.33	.83	.10	....	....	....	....	T.	....	....	.11	....	....	....	8.00
Winnsboro |||	Broad	.95	....	....	.01	....	....	....	....	.05	.51	1.26	.38	....	....	....	.15	1.15	.67	1.26	1.46	....	....	....	....	....	....	....	.25	....	....	....	8.10
Winthrop College	Catawba	.10	....	....	....	....	....	....	....	.95	.85	1.40	.10	....	....	....	1.20	.42	1.00	1.05	.50	....	....	....	....	....	....	....	.50	.50	....	....	8.57

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	40.1	73	5	2.80	8	.....	.....	.....	.....
1888	46.2	76	15	2.94	10	.....	.....	.....	nw.
1889	44.9	78	15	5.81	10	.....	.....	.....	ne.
1890	54.1	81	17	1.16	6	.....	.....	.....	sw.
1891	46.2	75	21	3.56	.....	.....	.....	.....	w.
1892	42.7	72	16	6.75	.....	.....	.....	.....	nw.
1893	38.0	71	3	2.52	6	.....	.....	.....	.....
1894	47.9	77	19	3.15	10	10	9	12	ne.
1895	44.2	80	5	7.31	13	9	9	13	sw.
1896	43.8	72	9	3.02	6	12	10	9	ne.
1897	42.2	76	3	2.29	7	13	8	10	nw.
1898	49.2	82	8	1.80	6	12	10	9	sw.
1899	44.4	78	17	4.72	11	10	7	14	n.
1900	44.0	75	3	2.43	8	16	6	9	nw.
1901	45.1	81	18	3.55	9	14	7	10	nw.
1902	42.4	80	11	2.05	5	15	7	9	sw.
1903	43.7	77	13	3.85	11	10	6	15	w.
1904	40.2	74	8	2.97	8	15	5	11	n.
1905	41.4	77	8	2.00	7	15	6	10	w.
1906	47.0	83	12	5.85	11	12	4	15	ne.
1907	53.4	89	18	0.71	4	15	9	7	sw.
1908	44.2	76	17	4.86	9	13	8	10	w.
1909	49.6	83	9	1.54	5	12	9	10	ne.
1910	45.5	80	11	2.98	7	14	10	7	w.
1911	49.8	82	16	1.58	5	14	8	9	sw.
1912	40.2	79	6	4.92	9	13	4	14	w.
1913	53.8	82	23	3.21	8	10	6	15	sw.
1914	46.7	81	18	2.66	5	16	9	6	w.
1915	45.1	74	19	6.31	9	12	6	13	ne.
1916	52.3	81	10	1.76	9	10	9	12	ne.
1917	49.7	79	9	3.74	12	10	7	14	sw.
1918	37.3	82	−2	4.45	10	13	6	12	ne
1919	47.1	80	8	4.15	7	19	5	7	ne.
1920	46.2	85	6	3.66	7	12	7	12	w.
1921	46.9	79	17	3.84	7	15	6	10	w
1922	44.2	81	14	3.53	9	10	6	15	ne.
1923	49.0	80	20	2.74	6	17	5	9	w.
1924	43.3	76	1	4.34	9	16	4	11	ne.
1925	44.9	76	18	8.54	11	12	4	15	ne.
Period	45.5	89	−2	3.59	8	13	7	11	w.

Daily Temperatures for January, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	45	52	55	68	59	65	70	70	69	65	55	55	68	67	60	68	60	65	60	58	63	66	61	62	74	70	55	35	38	45	56	60.0
	Minimum	36	35	30	38	39	35	30	40	45	46	40	41	42	27	25	30	40	38	40	41	32	45	39	31	36	55	31	25	27	28	27	35.9
Charleston	Maximum	61	53	53	62	57	59	62	68	60	55	66	62	60	49	54	64	66	62	54	58	54	57	56	46	60	67	68	61	41	51	56	58.1
	Minimum	41	37	36	46	40	42	41	48	46	44	48	44	44	35	38	56	57	52	48	47	41	47	41	35	40	53	56	32	33	35	36	45.1
Cheraw§§	Maximum	38	39	51	59	58	58	62	66	49	40	41	43	56	50	52	56	58	56	46	59	53	61	49	49	66	70	66	46	35	50	57	52.9
	Minimum	35	31	32	35	26	27	25	35	39	35	35	38	36	23	22	40	46	47	41	35	31	33	38	27	28	38	46	24	24	25	22	32.9
Conway	Maximum	59	43	54	61	57	60	65	71	65	46	66	51	58	51	55	63	65	64	57	55	56	59	54	48	67	73	68	65	44	49	58	58.3
	Minimum	38	35	34	42	29	38	27	35	41	40	41	41	41	28	25	46	57	54	42	43	36	41	40	29	36	41	48	26	28	30	26	37.4
Darlington§§	Maximum	37	43	54	62	60	62	65	68	44	41	42	43	29	52	54	61	56	55	43	60	57	62	53	54	68	72	69	28	34	50	57	52.7
	Minimum	35	32	31	34	27	30	25	30	42	36	37	37	37	25	24	28	42	50	40	37	34	37	39	27	27	37	45	25	25	26	23	33.0
Ferguson§§	Maximum	55	49	65	60	62	60	65	69	48	63	56	50	56	52	60	62	65	60	55	54	56	59	53	66	68	72	69	57	50	49	60	58.9
	Minimum	38	35	30	34	26	29	26	37	42	40	41	41	41	30	24	29	47	45	43	43	33	39	38	31	32	41	51	29	29	29	27	35.5
Florence 1	Maximum	39	42	51	64	61	64	66	70	48	42	45	49	60	53	59	61	56	56	43	44	47	62	53	54	69	72	68	30	34	52	59	54.0
	Minimum	36	33	33	33	30	33	29	39	46	37	39	38	38	27	25	45	50	51	41	39	37	38	39	28	33	43	50	27	26	28	26	36.0
Garnett	Maximum	65	52	61	63	62	63	..	..	64	54	68	71	60	53	60	64	76	67	65	59	61	61	63	53	70	76	71	66	40	55	61	[b]62.2
	Minimum	..	38	31	49	..	..	..	..	51	44	49	48	47	30	27	48	53	56	49	46	44	47	38	35	35	45	55	30	30	31	28	[c]41.6
Georgetown	Maximum	65	53	55	62	67	61	65	74	68	52	75	55	61	52	55	62	68	67	61	56	54	51	51	46	65	62	70	65	35	51	59	59.5
	Minimum	30	35	32	40	29	36	28	38	28	40	40	42	42	27	25	40	50	55	45	44	35	35	40	30	35	35	50	30	30	30	26	36.2
Kingstree	Maximum	57	51	61	64	60	61	66	70	67	51	55	49	59	54	55	62	63	59	55	57	60	62	52	47	62	70	67	64	34	49	59	58.1
	Minimum	32	34	30	45	28	35	28	40	41	40	41	40	41	29	30	45	55	53	43	42	37	41	41	29	34	44	52	27	28	30	26	37.5
Orangeburg 1	Maximum	58	49	59	59	59	62	66	70	61	44	49	47	55	51	52	61	61	59	54	55	56	61	58	59	69	73	69	67	34	50	58	57.3
	Minimum	37	35	30	43	30	35	28	38	42	39	41	40	43	28	25	40	52	51	43	41	35	44	39	30	35	44	53	27	27	30	28	37.2
Paris Island§§	Maximum	56	52	53	62	60	61	64	71	65	55	64	51	59	54	58	64	75	68	60	60	57	61	60	48	67	71	71	60	42	55	65	60.3
	Minimum	42	40	41	45	43	43	42	50	50	47	52	45	47	39	47	53	57	57	54	48	46	50	46	41	43	55	59	27	37	40	41	46.4
St. George	Maximum	60	52	60	61	60	63	67	70	53	58	67	47	58	52	57	64	64	61	49	54	60	61	56	48	69	73	..	35	37	54	60	[a]57.7
	Minimum	39	35	30	35	29	30	28	31	42	41	42	42	43	31	26	32	50	50	45	45	35	42	39	32	33	41	33	..	24	30	28	[a]36.1
Society Hill§§	Maximum	44	53	61	62	62	64	66	46	41	42	43	58	50	54	61	59	56	43	61	56	62	50	49	66	72	69	28	35	50	57	57	54.1
	Minimum	32	32	33	26	26	25	25	41	36	37	36	37	24	19	24	42	48	40	36	34	35	38	27	28	37	42	25	24	26	22	22	31.6
Summerville	Maximum	65	51	61	63	61	61	67	72	59	49	68	62	61	51	59	63	69	65	62	55	59	58	58	49	69	73	70	62	38	52	60	60.4
	Minimum	39	36	30	47	29	34	28	40	40	42	45	42	42	30	25	45	58	56	41	41	35	44	41	31	34	46	54	31	31	30	27	38.7
Wedgefield	Maximum	48	48	58	56	60	62	63	68	57	46	42	43	58	50	50	59	60	55	55	50	47	60	54	48	67	70	68	64	34	52	58	55.2
	Minimum	35	33	33	41	33	32	31	42	42	37	39	38	41	28	28	42	47	53	42	42	33	41	40	28	41	47	52	24	25	27	29	37.0
Yemassee	Maximum	67	52	61	62	60	63	68	70	64	52	68	64	60	52	60	61	72	72	63	57	61	62	60	51	70	75	72	67	39	54	61	62.1
	Minimum	39	36	30	45	30	34	28	38	50	42	46	41	45	26	27	47	57	52	49	45	37	45	38	33	34	47	54	31	31	30	27	39.2
Western Portion.																																	
Aiken	Maximum	40	45	57	59	59	60	53	62	57	54	49	46	53	50	51	57	56	57	53	56	57	59	52	48	65	67	69	66	40	52	58	55.2
	Minimum	38	36	33	41	29	32	31	31	40	38	39	38	42	27	38	41	45	52	43	43	35	41	38	31	35	46	57	28	28	32	29	37.3
Anderson	Maximum	43	52	50	58	52	61	60	58	53	39	38	43	53	49	47	45	55	54	45	57	55	62	55	49	60	62	62	54	40	55	55	52.3
	Minimum	33	32	33	33	27	32	28	36	37	34	36	34	38	24	28	34	43	43	38	33	32	35	38	28	35	45	50	26	26	26	29	33.7
Caesar's Head	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum	28	33	31	30	28	33	33	45	31	31	36	29	30	18	20	28	39	45	33	28	31	33	31	24	25	40	46	23	25	26	22	30.8
Calhoun Falls§§	Maximum	38	50	52	58	55	62	60	58	45	40	40	43	53	50	41	44	48	53	42	58	57	62	59	49	62	65	61	35	41	55	59	51.5
	Minimum	34	31	32	31	20	25	24	24	33	33	33	34	35	20	21	26	33	40	39	33	29	29	32	23	26	32	46	30	25	25	23	29.7
Camden§§	Maximum	58	59	60	60	60	58	65	63	61	65	50	51	54	51	62	59	66	60	56	64	60	63	57	66	68	69	62	53	50	58	58	59.5
	Minimum	33	33	31	28	28	27	27	27	30	33	33	37	37	28	28	28	37	46	39	35	35	35	38	28	28	35	43	28	26	26	25	32.0
Chester	Maximum	43	47	52	57	55	55	60	58	55	54	41	40	52	50	50	60	66	61	56	57	60	61	50	47	63	65	56	32	34	52	55	53.0
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Clemson College	Maximum	47	53	50	59	53	60	59	60	58	41	44	43	51	48	49	49	54	59	43	56	59	66	66	63	66	62	68	62	44	55	55	54.9
	Minimum	35	33	34	31	22	22	22	28	36	31	36	37	38	19	20	21	41	39	34	25	27	31	32	27	32	30	48	29	28	24	22	30.3
Columbia	Maximum	43	50	57	59	58	61	62	63	51	40	42	43	55	49	49	58	53	55	46	58	54	60	53	47	66	69	67	38	37	51	56	52.3
	Minimum	34	34	36	41	33	33	37	45	39	36	38	38	35	28	30	41	45	46	40	37	35	41	37	30	37	51	38	26	27	31	31	36.5
Due West	Maximum	40	50	50	55	54	58	59	58	50	37	39	42	51	47	47	45	55	53	42	55	55	59	53	45	59	64	63	38	39	53	55	50.6
	Minimum	33	32	34	33	30	31	31	35	36	34	36	36	32	23	29	37	43	41	31	34	32	36	35	28	36	45	38	25	26	25	30	33.2
Greenville	Maximum	38	48	47	55	52	57	56	58	48	38	38	40	50	46	45	49	56	53	42	56	53	61	53	45	55	62	60	38	38	53	52	49.7
	Minimum	32	32	34	30	81	34	31	40	35	34	36	34	33	26	29	36	45	42	34	34	36	36	33	28	34	46	38	26	26	27	28	33.6
Greenwood	Maximum	45	36	49	52	56	55	58	60	59	43	39	39	43	51	48	49	45	51	57	42	55	56	59	56	47	62	67	63	31	38	52	50.5
	Minimum	35	34	35	38	35	35	30	33	33	34	35	37	37	28	29	31	40	46	43	36	35	40	41	33	34	49	54	36	28	29	28	35.9
Heath Springs	Maximum	37	45	47	55	52	57	59	55	55	49	44	39	49	50	52	48	54	54	53	54	51	55	53	48	62	62	60	59	53	56	51	52.2
	Minimum	33	31	30	37	32	31	37	35	35	34	36	31	27	24	28	27	43	50	39	31	34	37	37	26	32	49	49	24	23	25	30	33.6
Kershaw	Maximum	43	49	55	58	52	57	62	60	51	38	40	40	55	49	51	55	56	55	48	56	57	61	49	59	64	69	63	59	33	51	57	53.4
	Minimum	32	31	29	36	29	30	30	39	35	34	35	35	37	23	24	39	44	46	38	35	35	38	36	26	30	44	51	24	25	26	26	33.5
Landrum	Maximum	41	41	49	57	53	57	58	59	54	37	38	39	47	49	48	47	56	54	48	52	52	62	57	46	59	60	61	56	35	51	54	50.9
	Minimum	33	31	36	29	27	27	24	37	34	32	38	34	36	26	20	34	46	48	37	33	31	31	39	22	26	43	44	29	25	30	22	32.3
Laurens	Maximum	43	49	48	48	48	51	60	59	51	38	37	41	54	42	48	45	56	53	44	57	52	60	51	45	63	68	63	58	37	51	56	50.8
	Minimum	24	33	29	33	23	27	24	29	36	34	36	35	39	20	22	37	43	44	38	31	28	32	32	27	33	41	48	26	25	24	22	31.5
Liberty	Maximum	41	54	48	56	51	60	52	60	53	38	39	42	51	48	47	48	54	54	46	60	56	56	49	49	55	62	59	58	42	55	54	51.7
	Minimum	31	30	33	23	24	27	24	31	33	31	35	32	34	19	21	33	42	42	35	31	28	33	29	28	28	41	49	25	25	23	22	30.4
Little Mountain	Maximum	44	44	..	..	..	58	61	55	55	40	38	..	..	50	50	50	52	58	51	..	..	..	50	43	..	63	69	59	53	46	55	[b]52.0
	Minimum	31	29	35	35	35	30	35	40	36	32	31	33	34	25	34	35	40	48	37	32	32	35	39	25	30	40	49	23	23	26	27	33.5
Newberry	Maximum	44	57	56	58	57	61	62	62	55	43	43	46	55	50	57	55	51	56	51	56	49	61	55	50	64	70	65	59	36	54	57	54.7
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Saluda	Maximum	47	47	51	56	56	57	58	58	56	42	41	46	53	49	49	49	54	55	55	55	55	58	54	49	62	67	65	63	37	51	54	53.3
	Minimum	35	33	31	37	24	26	25	32	38	36	38	32	41	23	22	38	43	51	40	36	28	35	34	28	33	43	52	26	26	26	23	33.4
Santuck	Maximum	43	49	53	57	56	60	59	60	52	38	38	40	51	50	51	46	55	54	46	57	54	61	52	48	64	67	64	59	35	51	55	52.5
	Minimum	29	32	29	32	21	22	21	31	36	34	33	35	39	19	20	37	43	45	39	38	27	30	33	25	29	40	46	26	25	22	20	30.9
Spartanburg	Maximum	33	44	49	55	62	56	57	57	39	38	38	41	50	45	47	46	56	53	41	54	52	62	50	45	60	60	61	38	36	56	55	49.5
	Minimum	33	30	31	33	25	26	26	28	33	33	33	34	35	23	25	26	35	43	40	32	30	31	39	25	25	36	45	28	25	29	25	31.0
Trenton	Maximum	41	48	57	57	54	60	65	59	55	42	46	44	54	49	49	55	56	55	54	56	56	60	51	47	63	68	67	62	51	51	58	54.6
	Minimum	35	33	33	37	30	32	32	41	39	36	38	37	41	27	30	38	44	52	42	37	36	40	40	29	35	50	54	26	25	29	30	36.4
Walhalla	Maximum	45	51	50	55	52	61	58	61	55	40	41	42	50	46	46	50	53	55	53	58	54	65	60	48	56	63	62	54	44	53	55	52.8
	Minimum	33	31	30	30	23	24	23	28	35	33	37	35	37	20	22	36	45	50	39	34	27	36	34	26	27	40	50	30	26	22	22	31.6
Winnsboro§§	Maximum	35	49	55	57	..	..	61	62	42	38	40	44	55	49	49	55	56	53	42	51	53	58	51	48	64	69	64	30	34	..	..	[d]50.5
	Minimum	34	32	33	36	30	..	..	..	42	39	35	35	35	36	25	27	28	28	45	40	35	34	36	38	27	27	35	48	28	24	26	[e]33.5
Winthrop College	Maximum	40	44	49	53	55	59	60	59	55	46	39	45	52	49	52	49	55	53	46	56	54	61	48	46	66	64	64	59	36	46	56	52.1
	Minimum	28	29	34	37	27	28	36	52	35	33	35	34	35	24	26	36	41	45	36	36	33	34	36	25	32	47	49	23	23	24	24	33.5

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

WBO, Raleigh, 2-25-25—900

UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., FEBRUARY, 1925. No. 2.

GENERAL SUMMARY.

The month was unusually mild, with 24 dates on which the temperatures ranged near or above normal. Precipitation was decidedly below the average.

Planters made good progress with spring plowing and other outdoor work, incident to the mild, relatively dry weather. Wheat, oats, rye, and truck showed about normal development; the winter cabbage, spinach, and radish harvests in the trucking regions were practically finished by the closing week, and white potato planting was in progress. While hardy shrubbery leafed rather rapidly, fruit buds remained fairly dormant throughout the month, peach and pear blooms not appearing until the close.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.07 inches. The highest pressure was 30.41 inches at Asheville, N. C., on the 18th, and in the Section proper, 30.37 inches at Due West on the same date; the lowest pressure was 29.52 inches at Charlotte, N. C., on the 11th, and in the Section proper, 29.55 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 52.4°, or 5.3° above the normal. The highest temperature was 80° at Yemassee on the 23d. There were three distinct warm periods, when the mean temperatures ranged 10° to 18° per day above normal. The lowest temperature was 19° at Walhalla on the 13th. There were but two short periods with subnormal temperatures.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 83%; noon, 61%; 8 p. m., 70%. The highest percentages occurred over the coastal counties and in the Savannah drainage basin, and the lowest, along the northern border.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 1.69 inches, or 2.63 inches below the normal. Precipitation occurred in four periods and was fairly well distributed, but the amounts were uniformly below normal throughout the Section. The heaviest rainfall occurred along the northern coast, with total amounts above 3 inches, the measurements ranging downward to less than 1 inch at Blackville and Liberty. The greatest monthly amount was 3.05 inches at Georgetown, and the least was 0.70 inch at Blackville. The greatest amount during any 24 hours was 1.42 inches at Paris Island on the 17th. Snow flurries occurred at Spartanburg on the 11th and at Santuck on the 26th. The average number of rainy days was 12% below normal.

WIND.

The prevailing wind was from the south. The average hourly velocity, determined from 9 anemometer records, was 7.6 miles. The highest average velocity was 11.4 miles per hour at Savannah, Ga., and in the Section proper, 9.2 miles per hour at Charleston; the lowest average velocity was 5.1 miles per hour at Augusta, Ga., and in the Section proper, 6.4 miles per hour at Greenville. The highest velocity for any 5-minute period was 42 miles per hour from the northwest at Savannah, Ga., on the 26th, and in the Section proper, 34 miles per hour from the west at Greenville on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 193.6 hours, or 63% of the possible amount. The average number of clear days was 15; partly cloudy, 4, and cloudy, 9, as against normals of 12, 6, and 10 days, respectively.

RIVER CONDITIONS.

The Santee River was near or above flood at Rimini and Ferguson throughout the month, reaching the lowest stages toward the close. The Pee Dee River at Mars Bluff was relatively high, with a flood stage on the 15th and the lowest reading on the 28th. The Waccamaw River was in flood at Conway from January 20th to February 8th, inclusive; late reports indicate unavoidable losses approximating $150,000. The remaining rivers have had moderate stages only.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 6, 7; Due West, 6, 9; Walhalla, 6. *Solar:* Columbia, 6, 15, 23, 25, 27, 28; Due West, 6, 7, 16, 18, 19, 21, 25, 27; Greenville, 6, 21, 22, 25, 27; Santuck, 25.

Sleet.—Spartanburg, 11.

Thunderstorms.—Cheraw, 23; Laurens, 11; Little Mountain, 18; Santuck, 16; Walhalla, 23.

MISCELLANEOUS DATA FOR FEBRUARY, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.07	44.9	71	15	1.85	0.55	9.6	se.	83	56	64	62
Augusta, Ga.....	30.08	54.0	75	28	1.14	0.40	5.1	nw.	88	68	75	60
Charleston, S. C...	30.08	55.6	72	32	1.84	0.89	9.2	sw.	84	66	77	76
Charlotte, N. C ...	30.06	50.6	73	27	1.91	0.92	5.3	s.	79	58	62	54
Columbia, S. C....	30.09	53.8	75	29	1.08	0.38	6.5	s.	87	63	70	65
Due West, S. C.....	30.10	50.3	72	24	1.03	0.39	7.8	sw.	83	56	...	56
Greenville, S. C...	30.05	50.0	70	24	1.20	0.53	6.4	sw.	77	60	63	60
Savannah, Ga.....	30.08	58.0	70	38	2.80	1.54	11.4	s.	84	58	75	65
Wilmington, N. C.	30.00	54.2	74	30	2.52	0.86	6.9	ne.	85	65	78	68
Means and extremes	30.07	52.4	75	15	1.71	1.54	7.6	s.	83	61	70	63

JUN 22 1925
UNIVERSITY OF ILLINOIS

Climatological Data for February, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'n (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	41	54.8	+6.8	78	22	27	13	42	0.70	−3.56	0.25	0	5	18	3	7	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	55.6	+3.2	72	15	32	12	24	1.84	−1.57	0.89	0	10	13	6	9	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	43	51.8	+6.8	78	8	25	1	44	1.49	−2.60	0.33	0	7	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	35	55.0	+7.2	78	8	29	† 5	47	2.75	−1.61	0.90	0	9	16	3	9	sw.	Paul Quattlebaum.
Darlington	Darlington	175	30	53.0	+7.7	79	† 8	25	13	43	0.76	−3.11	0.22	0	7	16	3	9	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	.....	1.59	−3.35	1.20	0	3	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	39	54.0	+6.2	75	† 8	27	1	40	2.47	−1.42	0.89	0	7	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	43	55.4	+9.3	79	8	28	†13	45	1.61	−2.54	0.92	0	8	16	5	7	sw.	H. K. Gilbert.
Florence 2	....do	136	10	.....	.....	.....	.....	.....	.....	.....	1.26	−2.89	0.74	0	8	16	6	6	s.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	[b]55.8	.....	[c]79	† 8	[b]26	13	[b]46	1 85	.....	.....	0	9	18	6	4	.....	Mamer B. Robert.
Georgetown	Georgetown	18	32	[b]54.8	+5.7	78	15	[b]28	†13	[b]41	3.05	−1.09	1.00	0	5	20	6	2	n.	A. P. Hazard.
Kingstree††	Williamsburg	54	43	56.4	+8.9	77	8	28	1	45	2.45	−1.50	1.40	0	7	20	1	7	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	2.05	.....	1.40	0	4	.....	.....	.....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	54.8	.....	76	8	29	† 1	42	2.35	.....	0.61	0	11	18	4	6	w.	U. S. Fisheries Station
Paris Island	Beaufort	13	44	57.6	+6.5	75	23	31	12	34	2.32	−1.20	1.42	0	7	15	3	10	s.	U. S. Naval Aerological Sta.
Pinopolis	Berkeley	54	78	55.4	+7.0	75	16	31	13	.....	1.97	−1.56	0.50	0	7	13	9	6	se.	Miss E. P. Ravenel.
Rimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	2.22	−1.53	0.70	0	8	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	55.2	+7.0	79	26	29	† 1	39	2.17	−1.64	0.75	0	7	11	11	6	.....	R. L. Utsey.
Society Hill	Darlington	192	34	[c]51.9	+7.1	[b]79	22	[c]25	12	[c]46	1.78	−2.63	0.50	0	8	20	3	5	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	55.4	+5.9	78	22	27	13	46	2.42	−1.73	0.70	0	9	18	7	3	sw.	D. P. Dehon.
Wedgefield	Sumter	249	35	55.2	+6.9	78	9	28	13	40	1.65	−2.50	0.55	0	8	20	1	7	w.	W Hampton Ramsey.
Yemassee	Hampton	24	36	55.8	+6.8	80	23	27	13	43	1.54	−2.30	0.63	0	6	16	1	11	nc.	W. C. Hutson.
Division means and	extremes	....	....	54.8	+6.8	80	23	25	† 1	47	1.92	−2.12	1.42	0	7	17	5	6	sw.	
Western Portion.																				
Aiken	Aiken	527	63	54.2	+5.2	75	8	27	12	42	1.50	−2.55	0.43	0	6	15	1	12	s.	Frank B. McCoy.
Anderson	Anderson	764	32	51.5	+6.8	75	8	25	12	37	1.02	−4.11	0.45	0	5	15	1	12	w.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	1.84	−1.97	0.75	0	7	.....	.....	.....	.....	Esther B. Owens
Cæsars Head	Greenville	3118	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	49.2	.....	76	9	22	†12	43	1.33	−4.03	0.40	0	5	11	6	11	s.	L. M. Parker.
Camden	Kershaw	222	75	[a]52.1	+4.3	[a]79	9	27	† 1	[a]42	1.24	−2.73	0.33	0	7	22	0	6	.....	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	.....	2.26	−2.07	1.25	0	6	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	1.49	−2.35	0.80	0	6	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	3	[d]51.2	.....	[d]74	9	[d]24	13	[d]34	1.83	.....	0.65	0	6	15	0	13	ne.	J. C. Cornwell.
Clemson College	Oconee	850	33	50 3	+7.1	75	8	21	13	45	1.45	−3.93	0.60	0	5	12	5	11	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	53.8	+5.6	75	8	29	13	30	1.08	−3.51	0.38	0	9	12	6	10	s.	U. S. Weather Bureau.
Due West	Abbeville	711	11	50.3	+5.9	72	8	24	13	32	1.03	−4.77	0.39	0	7	11	6	11	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	.....	.....	.....	1.24	−2.93	0.42	0	4	.....	.....	.....	.....	J. A. Townsend.
Gaston Shoals ††	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	1.46	−2.65	0.93	0	9	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	50.0	+6.7	70	8	24	12	30	1.20	−4.65	0.53	0	8	10	7	11	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	51.2	+7.7	75	9	26	†12	34	2.12	−2.60	0.49	0	10	14	0	14	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	51.6	+8.6	73	8	27	13	35	1.82	−1.98	0.70	0	8	17	1	10	s.	J. Marvin Bowers.
Kershaw	Kershaw	500	9	52.0	.....	76	8	25	13	37	1.90	.....	0.78	0	8	17	0	11	w.	John W. Hamel.
Landrum	Spartanburg	1063	10	48.9	+4.6	72	8	21	13	37	1.38	−4.03	0.46	0	5	16	6	6	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	49.8	.....	75	8	23	13	40	1.52	.....	0.47	0	11	14	5	9	s.	L. G. Roff.
Liberty	Pickens	900	25	48.8	+5.4	73	8	28	12	39	0.92	−4.68	0.70	0	2	14	2	12	sw.	O. F. Boggs.
Little Mountain	Newberry	711	32	[g]50.0	+4.2	[g]72	22	23	12	[g]39	1.80	−2.67	0.90	0	6	17	1	10	s.	Miss Alberta Sease.
Newberry	Newberry	502	21	51.6	+6.3	76	8	25	13	37	2.44	−1.75	0.60	0	9	14	12	2	w.	John H. Baxter.
Pelzer	Anderson	850	21	.....	.....	.....	.....	.....	.....	.....	1.34	−3.26	0.64	0	7	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	51.1	+4.5	72	8	25	13	38	1.27	−3.37	0.56	0	9	14	5	9	s.	W. S. Crout.
Santuck	Union	512	32	49.2	+6.0	73	8	20	13	42	1.55	−3.24	0.66	T.	10	10	3	15	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	48	48.9	+6.1	73	8	22	13	40	1.51	−3.07	0.68	T	7	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	32	52.8	+6.6	75	8	26	12	38	1.03	−4.06	0.41	0	5	15	6	7	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	48.8	+5.7	77	25	19	13	40	1.86	−3.44	0.85	0	10	13	5	10	se.	H. W. Brandt.
Winnsboro	Fairfield	545	31	[c]51.6	+6.5	[c]75	9	[c]26	13	[c]36	1.97	−2.37	1.00	0	6	13	7	8	s.	Rev. Oliver Johnson.
Winthrop College ††	York	690	25	50.5	+7.1	75	8	25	13	39	1.93	−2.13	0.80	0	6	13	11	4	s.	W. T. Clawson.
Division means and	extremes	.....	....	50.8	+5.9	79	9	19	13	45	1.52	−3.09	1.25	T.	7	14	4	10	s.	
Section means and	extremes	.....	....	52.4	+5.3	80	23	19	13	47	1.69	−2.63	1.42	T.	7	15	4	9	s.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡ Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for February, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ||||	Edisto									.10	.15						.15	.25						.05								0.70
Charleston ***	Coast			.08						.23	.06						.20	.75	.14	T.	.02	.07		.16					.13				1.84
Cheraw |||	Pee Dee			.12	.16						.20		.33				T	.08	.32				T.		.28							1.49
Conway |||	Waccamaw			.10	.06						.30	.09						.88	.20				.90		.22							2.75
Darlington ||||	Pee Dee			.06	.02						.22	T.					T.	.08	.12				.14		.12							0.76
Dillingham |||	Lynches			T.	T.						1.20	T.						T.	.07				T		.32							1.59
Ferguson |||	Santee			.89	T						.50	.11					.06	.14	.35						.42							2.47
Florence 1|||	Pee Dee			.06	.08						.92	.04					.04	.09	.10				T.		.28							1.61
Florence 2|||	....do			T.	.13						.74	.01					.02	.02	.09				.08		.17							1.26
Garnett	Savannah			.07						.39	.20	.01						*	.97				.01	.19	.01							1.85
Georgetown	Coast									1.00	.20						T.	.45	.50			T.			.90				T.			3.05
Kingstree |||	Black			.70							1.40	.05					T.	.15	.35				.10		.30							2.45
Mars Bluff	Pee Dee				.20						1.40	.05													.40							2.05
Orangeburg	Edisto		.10							.45	.12	.09					.22	.25	.24			.61	.02	.01	.24							2.35
Paris Island	Coast			.06						.47						.03	.32	1.42				.30		.42				.30				2.52
Pinopolis	Cooper			.22						.50							.15	.10				.20		.40				.40				1.97
Rimini |||	Santee			.20	.12						.30	.20					.15	.30					.70		.25							2.22
St. George	Edisto			.22	.05						.30	.08						.75	.55						.22							2.17
Society Hill |||	Pee Dee		.20							.50	.05						.36	.05				.20		.30				.12				1.78
Summerville	Ashley			.30					.01	.70	.05							.50	.30			.01			.35				.20				2.42
Wedgefield	Wateree			.15						.55	T	.15					.05	.30	.10			.15		.20									1.65
Tomassee |||	Ashepoo			.13							.22	.03						.42	.63				T.		.11								1.54
Western Portion.																																	
Aiken	Edisto		.11	.23						.43	.41						.13	.19															1.50
Anderson	Savannah		T.	.25						.45						.15		.12						.05									1.02
Blairs |||	Broad			.75							.18	.12				.02	.33	.40					.04										1.84
Cesar's Head	Saluda																																
Calhoun Falls |||	Savannah			.40							.10						.33	.31	.16			T.		T.									1.33
Camden |||	Wateree			.33							.15	.27					.14	.13	.07						.15								1.24
Catawba |||	Catawba			.58							.10	1.25					.19	.09	.05														2.26
Chappells |||	Saluda			.80							.30	.06				.03	.07	.23															1.49
Chester	Broad		T.	.45						.10	.65					.20		.21				.22											1.83
Clemson College	Savannah			.27						.60						.20	.24						T.	.14									1.45
Columbia ***	Congaree		.14	.24						.06	.35					.15	.01	.09				.01		.03									1.08
Due West***	Savannah		.15	.21						.22	.03				T.	.15	.12	.12				T.		T.		T.			T.				1.03
Edgefield |||	Savannah			.47							.42					.15		.20															1.24
Easton Shoals |||	Broad			.03	.49						.30	.07	.11			.28	.10	.15						.02									1.46
Greenville ***	Saluda		24	T.						.53	T.	T.			.05	.16	.12	.04				T.		.05		.01			T.				1.20
Greenwood ||||	....do			.49							.25	.05				.02	.47	.48	.07	.11			.12		.06								2.12
Heath Springs	Wateree			.70						.05	.41				.02	.29	.21	.04						.07									1.82
Kershaw |||	Lynches			.78							.11	.33				.02	.26	.25					.08		.07								1.90
Landrum	Broad			.46						.44						.20		.16								.12								1.38
Laurens	Saluda		.07	.47						.33	.08	.14				.02	.13	.02	.19	.05		.02		T.									1.52
Liberty	Savannah		T.							.70						T.	.22	T.								T.							0.92
Little Mountain	Saluda			.15						.90	.15					.23		.22				.05		T.					T.				1.80
Newberry	Saluda		T.	.55						.18	.60				.23	.33	.04	.43				.05		.03									2.44
Pelzer ||||	....do		.10	.26						.02	.64	T.	T.		T.	T.	.12	.10	.10			T.	T.	T		T.		T.					1.34
Saluda	....do		T.	.56						.18	.06				.01	.15	.07	.16				.06		.02									1.27
Santuck	Broad		T.	.66						.11	.30	.02	T		.07	.09		.14	.10			.01		.02		T.							1.55
Spartanburg ||||	....do		.08	.41							.68	.03	T.			.09	.10	.12	T.				T									1.51
Trenton	Edisto		T.	.44						.30						T.	.18	.06				.05											1.03
Valhalla	Savannah		.10	.13						.85		.05			.05	.26	.01	.23						.15		.03							1.86
Winnsboro ||||	Broad				1.00						.65	.25						.43	.22				.02										1.97
Winthrop College	Catawba			.73							.80	.10				.10		.10	.10														1.93

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.6	80	24	3.41	12				
1888	49.9	76	15	4.83	10				ne.
1889	41.9	75	10	5.60	8				*w.
1890	56.1	83	21	2.38					sw.
1891	54.7	83	13	4.23					sw.
1892	49.2	73	18	3.64					*sw.
1893	51.0	82	25	5.05	12				
1894	48.9	76	16	4.35	10	8	9	11	sw.
1895	37.4	78	− 6	3.07	7	13	6	9	nw.
1896	48.2	81	5	6.13	8	13	8	8	sw.
1897	50.0	83	15	7.80	11	10	7	11	sw.
1898	44.5	78	10	0.86	3	15	6	7	w.
1899	43.0	80	−11	6.98	12	9	7	12	w.
1900	44.0	78	1	5.77	10	9	7	12	w.
1901	43.2	78	7	3.08	6	14	7	7	nw.
1902	40.6	77	11	5.89	8	12	6	10	nw.
1903	49.0	81	11	7.03	10	10	7	11	sw.
1904	45.2	86	15	3.59	9	12	6	11	ne.
1905	38.9	72	0	5.21	9	10	4	14	ne.
1906	46.0	76	12	2.58	6	16	5	7	ne.
1907	45.1	84	16	3.64	8	10	8	10	ne.
1908	43.6	81	12	5.28	10	14	6	9	w.
1909	52.2	84	12	4.49	8	15	7	6	sw.
1910	44.7	79	15	4.71	9	12	6	10	w.
1911	52.1	85	20	1.60	5	13	8	7	sw.
1912	42.3	80	8	5.99	8	15	5	9	w.
1913	48.9	80	22	4.50	8	12	4	12	w
1914	44.6	78	14	4.41	9	12	6	10	n.
1915	48.6	80	20	3.15	6	15	6	7	n.
1916	48.5	81	11	3.96	8	17	6	6	sw.
1917	47.3	87	− 2	4.11	8	14	7	7	sw.
1918	52.4	88	11	1.89	7	14	7	7	sw.
1919	47.5	75	17	4.73	10	14	4	10	ne
1920	42.8	76	8	4.05	8	12	5	12	nw.
1921	49.4	85	19	4.73	9	12	7	9	w.
1922	52.6	84	14	6.62	10	8	8	12	sw.
1923	44.8	82	11	3.83	8	14	4	10	w.
1924	44.2	79	13	3.54	7	15	5	9	w.
1925	52.4	80	19	1.69	7	15	4	9	sw.
Period	47.1	88	−11	4.32	8	12	6	10	sw.

*Also nw.

Daily Temperatures for February, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	69	68	69	70	69	70	72	73	71	74	75	50	60	69	71	70	56	60	70	73	75	78	75	74	71	65	63	50	....	....	....	68.2
	Minimum	29	35	45	39	36	41	48	50	51	51	52	29	27	41	50	51	40	34	37	38	40	41	43	49	44	41	38	36	....	....	....	41.3
Charleston	Maximum	63	66	57	55	57	66	65	66	71	69	69	46	56	65	72	69	63	59	61	65	66	65	72	70	69	65	55	55	....	....	....	63.5
	Minimum	39	48	45	37	41	44	47	50	57	58	45	32	33	45	52	57	59	49	41	46	50	52	58	57	53	52	43	49	....	....	....	47.8
Cheraw§§§	Maximum	66	66	51	54	65	71	71	78	71	69	72	53	61	67	72	69	60	56	58	70	69	73	76	69	73	61	52	52	....	....	....	65.2
	Minimum	25	31	38	29	27	29	37	38	44	56	60	32	25	31	42	52	51	40	31	31	36	38	48	48	40	48	30	39	....	....	....	38.5
Conway	Maximum	66	74	63	53	65	68	74	78	73	69	72	64	62	69	76	75	68	60	62	78	70	79	77	70	71	64	59	59	....	....	....	68.5
	Minimum	27	36	43	39	29	35	37	41	45	58	61	37	29	39	43	43	55	44	32	35	40	49	48	55	41	53	35	40	....	....	....	41.5
Darlington§§	Maximum	65	73	50	55	65	74	75	79	73	71	73	47	61	68	75	74	57	58	63	70	71	75	79	73	74	63	55	55	....	....	....	66.8
	Minimum	26	30	42	29	28	32	37	39	45	57	60	34	25	31	40	50	53	44	31	33	36	43	47	50	41	46	32	36	....	....	....	39.2
Ferguson§§	Maximum	64	68	63	63	64	70	75	72	70	70	60	59	68	74	73	74	62	57	64	67	70	74	75	70	70	61	58	61	....	....	....	67.0
	Minimum	27	35	44	34	30	31	38	43	43	51	60	33	28	32	42	43	53	48	28	37	38	42	48	53	43	50	40	41	....	....	....	41.0
Florence 1	Maximum	67	73	52	56	66	74	74	79	73	69	74	61	61	68	74	75	60	60	63	71	70	71	78	73	74	65	58	59	....	....	....	67.8
	Minimum	28	37	49	30	30	37	42	42	51	54	61	36	28	36	49	56	54	46	33	37	33	50	54	51	45	49	35	40	....	....	....	43.0
Garnett	Maximum	68	71	66	....	....	....	77	79	69	71	69	49	61	72	78	79	....	....	63	70	70	76	79	72	74	69	67	55	....	....	....	[e]69.7
	Minimum	30	51	....	....	....	....	....	....	....	....	....	28	26	37	46	55	....	....	41	37	41	46	51	51	42	49	41	41	....	....	....	[k]41.9
Georgetown	Maximum	68	72	60	58	62	60	73	70	77	70	72	65	63	68	78	76	66	66	64	70	71	73	76	72	73	66	61	52	....	....	....	67.9
	Minimum	31	39	45	31	29	36	47	37	50	50	50	34	28	....	....	55	50	46	34	35	41	50	50	50	45	45	38	40	....	....	....	[b]41.8
Kingstree	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Orangeburg 1	Maximum	66	70	58	55	67	73	73	76	71	67	66	53	61	71	74	72	65	59	59	67	67	75	75	70	72	70	60	57	....	....	....	66.8
	Minimum	29	36	46	34	32	46	40	43	53	57	52	31	29	36	44	53	53	46	36	37	41	45	61	51	43	48	38	40	....	....	....	42.9
Paris Island§§§	Maximum	67	65	53	58	57	66	70	72	65	61	65	....	....	61	71	66	60	57	60	65	68	68	75	73	70	68	61	58	....	....	....	[b]64.8
	Minimum	43	51	48	44	44	46	50	54	57	59	40	31	....	45	52	58	56	48	46	47	51	53	55	60	57	57	50	55	....	....	....	[a]50.3
St. George	Maximum	68	71	54	57	66	73	74	78	74	69	69	46	62	69	75	76	61	60	70	72	72	76	77	78	73	79	62	62	....	....	....	68.7
	Minimum	29	32	38	35	32	35	40	43	49	55	60	31	29	32	40	52	55	50	38	39	43	43	50	52	43	45	39	40	....	....	....	41.8
Society Hill§§§	Maximum	70	50	55	65	73	74	78	77	72	74	47	62	....	....	74	60	61	64	72	70	77	79	73	74	63	58	55	55	....	....	....	[b]66.7
	Minimum	30	36	29	27	27	32	39	46	46	58	34	25	32	....	....	41	44	....	30	32	40	42	50	41	42	31	35	39	....	....	....	[e]37.1
Summerville	Maximum	70	75	58	58	67	75	76	76	72	72	73	50	65	69	77	76	64	60	62	69	77	78	71	71	74	70	66	53	....	....	....	68.7
	Minimum	29	39	47	35	31	37	39	45	52	60	42	31	27	37	46	54	56	46	36	38	49	51	42	48	44	40	37	40	....	....	....	42.1
Wedgefield	Maximum	65	70	55	57	64	73	74	77	78	67	68	68	60	67	72	70	65	58	59	69	70	76	75	72	72	64	64	53	....	....	....	67.2
	Minimum	33	41	42	34	33	40	42	44	51	57	58	32	28	38	47	55	52	42	35	37	47	44	62	52	45	48	35	38	....	....	....	43.3
Yemassee	Maximum	68	71	64	59	67	75	75	78	72	69	67	52	62	70	77	76	65	62	62	69	72	76	80	70	73	66	62	55	....	....	....	68.4
	Minimum	29	38	49	39	33	36	41	47	51	59	51	28	27	34	43	55	55	49	40	37	42	48	50	52	42	49	40	45	....	....	....	43.2
Western Portion.																																	
Aiken	Maximum	63	55	53	57	65	72	73	75	71	67	63	60	60	69	70	70	61	67	64	66	61	74	71	71	71	66	59	51	....	....	....	65.2
	Minimum	30	36	46	37	35	31	41	45	60	59	42	27	30	42	47	57	52	45	50	36	43	44	54	50	45	47	39	41	....	....	....	43.2
Anderson	Maximum	63	62	55	59	68	70	72	75	64	65	60	49	57	59	55	61	56	59	57	67	59	73	68	71	68	61	49	59	....	....	....	62.2
	Minimum	36	41	46	36	33	40	41	47	53	54	36	25	26	43	49	50	48	39	35	36	44	43	43	45	43	40	31	38	....	....	....	40.8
Caesar's Head	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Calhoun Falls§§§	Maximum	65	53	53	62	69	71	72	76	62	65	62	50	59	58	60	62	56	60	58	68	61	73	70	73	70	60	53	53	....	....	....	62.6
	Minimum	25	28	38	33	30	28	34	39	41	52	53	22	22	23	41	48	46	39	32	31	33	39	42	41	39	40	29	29	....	....	....	35.7
Camden§§§	Maximum	67	65	63	58	64	69	72	77	79	76	65	54	60	69	70	70	61	68	62	71	73	....	78	72	76	61	60	64	....	....	....	[a]67.6
	Minimum	27	32	33	33	30	32	33	35	42	46	48	33	27	27	35	50	52	43	33	33	33	39	40	40	42	42	33	33	....	....	....	36.6
Chester	Maximum	64	64	58	58	....	....	....	....	74	65	63	54	58	57	56	63	57	56	56	66	59	73	68	69	69	60	49	52	....	....	....	[d]61.2
	Minimum	32	36	40	39	....	....	....	....	60	56	46	38	24	36	50	46	50	28	34	34	42	40	54	47	44	45	30	39	....	....	....	[d]41.2
Clemson College	Maximum	67	65	62	58	63	69	72	75	73	66	70	52	57	66	69	58	56	58	52	64	62	68	71	74	68	70	59	54	....	....	....	64.2
	Minimum	30	26	45	36	32	30	36	38	42	56	45	25	24	35	36	49	47	34	31	31	38	40	38	44	39	40	32	30	....	....	....	36.4
Columbia	Maximum	64	63	51	56	66	72	72	75	67	63	64	46	59	65	71	66	59	57	58	68	66	75	69	69	70	63	54	53	....	....	....	63.6
	Minimum	31	43	43	35	37	43	48	52	56	59	37	29	29	43	50	55	53	44	36	38	48	45	54	50	45	46	38	41	....	....	....	41.0
Due West	Maximum	63	54	50	57	65	68	70	72	62	62	60	47	56	56	59	61	55	56	56	65	61	70	67	68	67	56	49	52	....	....	....	60.2
	Minimum	33	40	43	37	34	38	43	46	53	54	30	25	21	39	48	51	49	39	34	36	44	44	55	43	41	40	31	38	....	....	....	40.4
Greenville	Maximum	63	58	52	56	63	67	68	70	60	63	60	41	55	49	55	56	55	55	53	65	59	66	65	67	66	53	46	50	....	....	....	58.5
	Minimum	36	42	44	39	38	44	45	50	54	53	30	21	26	39	46	51	48	36	36	38	48	45	53	44	44	40	31	37	....	....	....	41.5
Greenwood	Maximum	56	64	53	50	56	65	69	71	75	63	64	60	42	57	57	65	64	55	59	57	66	69	71	67	69	68	56	50	....	....	....	61.1
	Minimum	32	36	42	36	43	45	49	52	57	54	53	26	26	28	44	52	49	39	34	34	42	44	44	46	44	43	31	33	....	....	....	41.4
Heath Springs	Maximum	58	57	56	51	63	67	69	73	66	64	65	59	55	57	66	66	62	63	54	65	69	70	70	68	69	63	56	58	....	....	....	62.8
	Minimum	28	31	40	28	35	40	43	44	51	57	49	29	27	39	47	48	40	38	41	35	50	39	48	47	47	45	30	39	....	....	....	40.5
Kershaw	Maximum	64	62	52	54	64	71	74	76	69	66	66	45	59	62	70	71	60	56	57	68	62	74	71	69	70	60	49	53	....	....	....	63.4
	Minimum	30	33	41	29	31	37	42	46	49	57	41	29	25	36	45	46	51	38	31	33	40	38	50	48	44	43	31	38	....	....	....	39.5
Landrum	Maximum	66	62	53	58	67	68	70	72	64	63	61	41	58	52	54	55	56	55	52	65	62	68	65	67	68	62	48	48	....	....	....	60.1
	Minimum	29	38	46	33	31	43	36	39	51	49	43	22	21	33	46	44	45	32	30	31	39	36	51	47	38	41	30	31	....	....	....	37.7
Laurens	Maximum	65	55	49	57	61	70	71	75	65	62	63	47	58	57	62	62	56	56	58	63	63	72	67	69	70	60	47	53	....	....	....	61.2
	Minimum	26	33	45	33	30	32	35	38	49	54	41	26	23	37	48	52	49	38	31	32	40	40	52	41	39	41	28	38	....	....	....	38.5
Liberty	Maximum	64	58	54	57	68	70	70	73	66	63	62	56	51	50	55	56	56	55	52	65	57	68	64	68	66	55	47	50	....	....	....	59.9
	Minimum	30	36	36	36	31	34	38	43	50	43	51	28	29	31	41	40	48	41	31	30	41	38	50	43	39	37	27	34	....	....	....	37.7
Little Mountain	Maximum	....	....	63	50	..	....	....	....	....	60	62	62	44	54	..	60	66	66	56	56	65	67	72	67	68	69	61	55	53	....	....	....	[a]60.8
	Minimum	28	41	40	30	38	43	48	49	50	55	24	23	24	32	39	43	48	37	33	38	39	42	52	46	46	42	30	35	....	....	....	39.1
Newberry	Maximum	65	61	49	57	65	71	72	76	66	63	63	47	59	60	69	67	59	57	58	67	62	73	68	71	70	61	50	54	....	....	....	62.9
	Minimum	29	36	43	32	34	35	40	41	57	55	38	27	25	41	47	54	50	40	34	35	43	42	54	44	42	45	31	38	....	....	....	40.4
Saluda	Maximum	61	56	53	56	63	68	70	72	66	61	64	47	56	61	69	67	63	57	57	65	64	71	71	69	68	65	55	55	....	....	....	62.6
	Minimum	27	32	45	33	30	34	38	39	49	55	46	28	25	37	49	51	51	41	33	33	40	41	52	44	41	45	31	37	....	....	....	39.6
Santuck	Maximum	64	65	52	57	65	69	71	73	63	62	63	49	58	58	66	63	58	56	56	66	59	72	67	69	69	61	53	53	....	....	....	62.0
	Minimum	24	30	45	29	28	29	33	35	44	54	48	27	20	31	48	53	50	37	28	29	35	37	50	41	37	45	25	28	....	....	....	36.4
Spartanburg	Maximum	64	60	50	55	65	68	71	73	61	62	64	41	58	54	58	56	55	55	53	66	62	70	67	67	68	57	49	51	....	....	....	60.0
	Minimum	25	37	40	32	31	32	32	33	48	52	53	24	22	33	41	50	48	31	32	32	34	38	39	48	41	42	30	31	....	....	....	37.1
Trenton	Maximum	65	54	46	58	67	72	74	75	65	64	61	51	59	65	72	68	64	57	60	69	70	74	69	68	71	68	56	55	....	....	....	64.2
	Minimum	34	40	40	35	35	42	46	48	54	57	44	26	27	40	46	52	42	33	37	38	41	44	53	42	44	44	33	39	....	....	....	41.4
Walhalla	Maximum	65	60	58	59	71	67	70	71	66	64	61	50	58	59	53	56	54	56	57	65	57	69	68	69	77	61	49	53	....	....	....	61.5
	Minimum	25	36	45	35	31	33	36	42	42	50	38	21	19	32	43	41	44	29	31	31	40	38	48	41	38	37	28	37	....	....	....	36.1
Winnsboro§§§	Maximum	....	....	49	....	65	71	72	75	68	63	63	44	58	60	69	68	58	57	57	66	61	72	69	69	70	58	50	54	....	....	....	[e]62.6
	Minimum	....	....	....	....	31	31	38	41	49	51	57	57	27	26	30	41	49	51	39	33	35	39	41	46	47	45	45	31	34	....	....	[e]40.6
Winthrop College	Maximum	62	58	52	55	64	70	70	75	66	62	66	51	58	64	65	61	56	57	55	68	62	72	67	68	70	64	50	53	....	....	....	62.2
	Minimum	30	39	42	28	35	36	45	43	48	55	51	27	25	37	40	53	49	37	30	33	46	40	52	45	42	42	30	35	....	....	....	39.8

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

WBO, Raleigh, 3-23-25—900

551.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., MARCH, 1925. No. 3.

GENERAL SUMMARY.

The month was generally mild and remarkably dry. Unseasonable cold during the opening days was succeeded by temperatures near or above normal until the 27th, the month closing with recurring cold.

Although the weather continued relatively dry, as in February, winter cereals, early truck, and gardens maintained about normal development, but germination of early cotton and corn was retarded by drought and rather cool nights. White potatoes began sprouting during the first decade, asparagus transplanting was about completed, and peaches, pears and plums were blooming freely. As the month progressed, beets, peas, lettuce, carrots, and cabbage made good growth in the trucking regions, and asparagus shipments began during the last decade. Tree fruits set well, and apples came into bloom, with no material frost damage. Woods were greening rapidly as the month closed, and strawberries were blooming.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.11 inches. The highest pressure was 30.51 inches at Charlotte and Wilmington, N. C., on the 16th, and in the Section proper, 30.50 inches at Columbia on the 15th and at Due West and Greenville on the 16th; the lowest pressure was 29.57 inches at Charlotte, N. C., on the 27th, and in the Section proper, 29.62 inches at Columbia on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 56.6°, or 1.6° above the normal. The highest temperature was 90° at Blackville on the 9th and at Garnett on the 12th. The warm periods were from the 7th to the 14th and from the 17th to the 27th, inclusive, when the daily mean temperatures ranged generally from 5° to 24° above normal. The lowest temperature was 9° at Caesar's Head on the 3d. There were two short periods of low temperatures at the beginning and close of the month, when the daily means ranged 5° to 19° below normal.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 78%; noon, 51%; 8 p. m., 59%. The highest percentages occurred along the coast, and the lowest, over the northwestern counties.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 1.67 inches, or 2.21 inches below the normal. There were three periods of rain. The total monthly amounts were generally below normal and ranged downward from somewhat above 3 inches to less than 0.10 inch. The greatest local monthly amount was 3.52 at Pelzer, and the least local monthly amount was 0.08 inch at Paris Island. The greatest amount during any 24 hours was 2.03 inches at Santuck on the 17th. The average number of rainy days was 38% below normal.

Snowfall, ranging from Traces to 0.8 inch, occurred in the northwestern counties on the 2d, 4th, and 5th, and sleet at a few stations on the 2d and 4th.

Rather severe windstorms and thunder squalls occurred at Watts Mill, near Laurens, on the 19th, and at Montmorenci on the 31st.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.7 miles. The highest average velocity was 12.4 miles per hour at Savannah, Ga., and in the Section proper, 12.2 miles per hour at Charleston; the lowest average velocity was 5.6 miles per hour at Charlotte, N. C., and in the Section proper, 7.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 43 miles per hour from the west at Greenville on the 19th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 275.0 hours, or 74% of the possible amount. The average number of clear days was 20; partly cloudy, 6, and cloudy, 5, as against normals of 14, 8, and 9 days, respectively.

RIVER CONDITIONS.

The Santee River was at or above flood stages at Rimini from the 20th to the 23d, inclusive, and at Ferguson, on the 1st and from the 21st to the 25th, inclusive. The Pee Dee River was near flood stages at Mars Bluff from the 21st to the 23d, inclusive. Moderate stages prevailed in the remaining streams.

MISCELLANEOUS PHENOMENA (dates).

Hail.—Laurens (near), 19; Liberty, 18; Winthrop College, 19; Summerville, 27; Walhalla, 17.

Halos—Lunar: Columbia, 11; Due West, 11, 12, 13. *Solar:* Charleston, 18; Columbia, 13, 19, 20, 23, 24; Due West, 10, 12, 13, 16, 17, 19, 23, 24, 25, 26, 27, 29; Greenville, 13, 19, 21; Saluda, 24; Santuck, 24.

MISCELLANEOUS DATA FOR MARCH, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.12	48.2	79	10	2.45	1.20	10.7	nw.	76	44	51	72
Augusta, Ga.....	30.11	58.6	87	26	0.86	0.43	5.8	nw.	82	58	61	75
Charleston, S. C...	30.10	59.2	83	30	1.28	0.88	11.2	sw.	80	60	71	77
Charlotte, N. C ...	30 10	54.2	83	17	2.39	1.76	5.6	n.	78	48	51	71
Columbia, S. C....	30.12	57.8	86	24	0.87	0.26	7.1	ne.	84	51	53	75
Due West, S. C....	30.14	54.5	83	21	2.48	1.60	8.9	sw.	73	44	....	77
Greenville, S. C...	30.10	54.4	82	19	3.12	1.55	8.1	n.	70	49	52	79
Savannah, Ga.....	30.10	61.4	86	31	0.04	0.03	12.4	nw.	77	53	62	68
Wilmington, N. C.	30.11	56.6	81	24	2.19	1.23	8.7	sw.	80	56	72	71
Means and extremes	30.11	56.1	87	10	1.67	1.03	8.7	sw. nw.	78	51	59	74

UNIVERSITY OF ILLINOIS

Climatological Data for March, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	
Eastern Portion.																				
Blackville	Barnwell	296	41	58.0	+0.3	90	9	25	3	46	0.10	−3.22	0.10	0	1	28	0	3	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	59.2	+1.8	83	9	30	3	28	1.28	−2.44	0.88	0	5	12	5	14	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	43	56.2	+2.8	97	11	20	3	47	1.38	−2 21	0.34	0	3	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	35	58.7	+2.4	86	† 9	24	3	46	2.04	−1.55	0.57	0	7	19	4	7	se.	Paul Quattlebaum.
Darlington	Darlington	175	30	56.7	+1.3	88	12	21	3	47	1.00	−2.01	0.25	0	8	21	4	6	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	....	1.11	−2.68	0.37	0	4	....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	39	57.1	+1.1	85	13	26	4	39	0.92	−2.53	0.30	0	6	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	43	58.7	+3.3	89	12	23	3	48	1.08	−2.09	0.34	0	7	18	12	1	sw.	H. K. Gilbert.
Florence 2	do	136	10	.....	.....	.....	.....	.....	.....	.....	1.21	−1.96	0.38	0	5	20	3	8	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	60.8	.....	90	12	27	4	45	0.46	.....	0.32	0	4	18	8	5	se.	Miner B. Robert.
Georgetown	Georgetown	18	32	59.2	+1.7	86	† 9	25	3	46	1.76	−1.75	0.82	0	5	25	3	3	n.	A. P. Hazard.
Kingstree	Williamsburg	54	43	59.4	+2.8	86	†11	25	3	44	1.25	−1.15	0.40	0	6	22	0	9	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	0.53	.....	0.23	0	3	....	.....	.....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	59.4	.....	86	† 9	26	3	43	1.16	.....	0.44	0	6	24	3	4	n.	U. S. Fisheries Station.
Paris Island	Beaufort	13	44	63.3	+4.9	88	9	39	3	31	0.08	−3.27	0.08	0	2	14	6	11	se.	U. S. Naval Aerological Sta.
Pinopolis	Berkeley	54	78	58.0	+1.5	84	14	30	4	.....	1.38	−2.24	0.50	0	6	17	11	3	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	1.24	−2.53	0.34	0	5	....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	58.7	+1.0	85	† 8	26	4	42	0.79	−2.62	0.25	0	7	14	14	3	.....	R. L. Utsey.
Society Hill	Darlington	192	34	55.9	+1.2	88	10	20	† 2	48	1.63	−2.24	0.32	0	4	24	4	3	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	58.8	+0.6	88	12	27	3	45	1.27	−2.05	0.25	0	4	19	9	3	s.	D. P. Dehon.
Wedgefield	Sumter	249	35	58.6	+3.1	87	† 9	25	4	41	1.10	−2.46	0.45	0	5	26	2	3	w.	W Hampton Ramsey.
Yemassee	Hampton	24	36	59.7	+1.9	87	† 8	26	4	40	0.81	−2.68	0.52	0	5	26	1	4	ne.	W. C. Hutson.
Division means and	extremes	.....	....	58.7	+2.1	90	† 9	20	† 2	48	1.04	−2.46	0.88	0	5	21	5	5	sw.	
Western Portion.																				
Aiken	Aiken	527	63	59.2	+4.0	87	11	26	3	45	0.44	−3.52	0.27	0	2	18	6	7	ne.	Frank B. McCoy.
Anderson	Anderson	764	32	55.9	+1.9	86	9	27	4	46	3.37	−1.23	1.90	0	7	20	4	7	w.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	2.05	−1.65	1.57	0	4	....	.....	.....	.....	Esther B. Owens.
Cæsars Head	Greenville	3118	1	.....	.....	.....	.....	9	3	....	.....	.....	.....	0.8	....	.....	.....	.....	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	53.6	.....	87	† 8	17	† 3	52	2.22	−2.70	1.39	0	4	20	7	4	w.	L. M. Parker.
Camden	Kershaw	222	75	55.6	+1.3	86	† 9	24	† 3	42	0.50	−3.20	0.30	0	5	26	0	5	ne.	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	....	2.53	−1.58	1.98	0	5	. ..	....	....	.....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	0.34	−3.53	0.13	0	4	....	....	....	.....	George V. Clamp.
Chester	Chester	487	3	54.9	.....	83	† 9	20	3	42	3.05	.....	1.50	0	4	19	6	6	ne.	J. C. Cornwell.
Clemson College	Oconee	850	33	.....	.....	.....	.....	.....	.....	.....	2.67	−2.30	1.45	T.	6	....	.....	.....	.....	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	57.8	+2.6	86	9	24	3	36	0.87	−2.83	0.26	0	7	17	6	8	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	11	54.5	−1.5	83	9	21	3	39	.2.68	−2.07	1.60	0	6	17	7	7	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	....	....	....	.....	C. H. Mitchell.
Gaston Shoals ††	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	3.36	−1.40	1.45	0	5	....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	54.4	+4.5	82	9	19	3	33	3.12	−2.27	1.55	T.	8	18	7	6	n.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	54.6	+1.9	85	10	20	3	41	2.16	−1.86	1.71	0	3	27	0	4	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	55.0	+1.6	82	8	19	3	40	1.39	−2.10	0.98	0	5	19	4	8	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	9	55.8	.....	85	8	18	3	42	1.23	.....	0.83	0	5	23	0	8	w.	John W. Hamel.
Landrum	Spartanburg	1063	10	53.4	+2.0	84	9	15	† 3	43	3.11	−2.61	1.26	T.	6	19	10	2	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	[d]55.0	.....	86	12	[d]20	3	[d]48	2.26	.....	1.53	0	6	18	12	1	sw.	L. G. Roff.
Liberty	Pickens	900	25	52.9	+0.2	87	8	15	3	47	2.50	−2.97	1.50	T.	3	24	1	6	sw.	O. F. Boggs.
Little Mountain	Newberry	711	32	56.0	+0.6	85	13	18	3	41	1.44	−2.22	0.84	0	3	21	4	6	s.	Miss Alberta Sease.
Newberry	Newberry	502	21	55.8	+1.2	86	9	21	3	45	2.05	−1.74	1.09	0	6	20	6	5	w.	John H. Baxter.
Pelzer	Anderson	850	21	.....	.....	.....	.....	.....	.....	.....	3.52	−1.26	1.90	0	5	....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	55.2	−0.7	85	9	22	3	48	1 38	−2.63	0.80	0	5	16	10	5	n.	W. S. Crout.
Santuck	Union	512	32	53.2	0.0	84	† 9	16	3	50	2.75	−1.68	2.03	0	5	19	8	4	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	48	53.2	+2.1	84	10	17	3	44	3.35	−1.53	1.92	T.	5	....	.....	.....	.....	F. P. Robinson.
Trenton ††	Edgefield	620	32	57.3	+1.3	88	9	23	3	39	1.35	−2.94	0.59	0	4	20	7	4	ne.	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	[c]50.8	−0.5	84	8	[c]14	3	[c]53	2.79	−3.80	1.54	T.	7	21	7	3	se.	H. W. Brandt.
Winnsboro	Fairfield	545	[a]31	[a]55.3	+1.8	[a]85	9	20	3	[a]38	1.15	−2.84	0.85	0	4	19	8	4	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	25	55.0	+1.7	84	9	17	3	45	2.15	−1.72	2.00	0	2	17	11	3	s.	W. T. Clawson.
Division means and	extremes	.....	....	54.9	+1.2	87	† 8	9	3	53	2.16	−2.20	2.03	T.	5	20	6	5	w.	
Section means and	extremes	.....	....	56.6	+1.6	90	† 9	9	3	53	1.67	−2.21	2.03	T.	5	20	6	5	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for March, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Jacksville ‖‖	Edisto														.10																		0.10
Charleston ***	Coast	.06				T.											.85	.17		T								.08				.12	1.28
Conway ‖‖	Pee Dee	.33														T.		.71		T.									.34				1.33
Darlington ‖‖	Waccamaw	.18					.14									.14		.52	.09		.40								.57				2.04
Dillingham ‖‖	Pee Dee	.22				.05	.02									.16		.25	.03	.05									.22				1.00
Ferguson ‖‖	Lynches	.37				T.											.32	.12			.30								T.				1.11
Florence 1 ‖‖	Santee	.30					.10					.06				.20		.18		T.									.08				0.92
Florence 2 ‖‖	Pee Dee	.34				.05										.23		.19	.03	T.	.05							.19					1.08
Garnett	do	.38														.27		.21			.10								.25				1.21
Georgetown	Savannah	.10				.01										.03		.32	T.														0.46
Kingstree ‖‖	Coast	.15					.05									.10		.10			.40								.20	.20		.30	1.76
Mars Bluff	Black	.40																.15											.15				1.25
Orangeburg	Pee Dee	.23														.28		.16	.06									.44					0.53
Paris Island	Edisto	.10				.12											.03	.05										T.					1.16
Pinopolis	Coast																.35	.10		.18								.15				.10	0.08
Pimini ‖‖	Cooper					.50										.34		.25											.25				1.38
St. George	Santee					.25	.15									.15		.20			.02								.02				1.24
Society Hill ‖‖	Edisto	.25	T		.05		.10										.30											.32					0.79
Summerville	Pee Dee	.31													.10			.80			.02							.25					1.03
Sedgefield	Ashley	.20																										.20				.10	1.27
Temassee ‖‖	Wateree	.15				.20												.45															1.10
	Ashepoo	.17				.05										.05		.52			.02												0.81
Western Portion.																																	
Aiken	Edisto					.17												.27															0.44
Anderson	Savannah	.09			.36	.47									T.		.10	1.80		.35								.20					3.37
Blairs ‖‖	Broad		.02			.28												1.57		.18													2.05
Caesar's Head	Saluda																																
Calhoun Falls ‖‖	Savannah					.07												1.39		.46									.30				2.22
Camden ‖‖	Wateree		.05					.05								.06		.30												.04			0.50
Catawba ‖‖	Catawba	.16				.20												1.98		.11									.08				2.53
Chappells ‖‖	Saluda					.10	.03										.10			.11								.20					0.34
Chester	Broad	.20																1.15		1.50								.11					3.05
Clemson College	Savannah	.06			T.	.42												1.45	.28	.35								.01				T.	2.67
Columbia ***	Congaree	.26			.02	.19									.07	.09	T.	.23															0.87
Cone West ***	Savannah	T.			.24	.06									T.		1.18	.42		.45								.33					2.68
Edgefield ‖‖	Savannah													T.																			
Easton Shoals ‖‖	Broad	.10				.65												1.45		.95								T.	.21				3.36
Greenville ***	Saluda	.08			.50	.31									T.		.90	.65	.35	.16								.17					3 12
Greenwood ‖‖	do					.21												1.71		.24													2.16
Heath Springs	Wateree	.22															.98		.04									.12				.03	1.39
Kershaw ‖‖	Lynches	.18													.06			.83		.03									.13				1.23
Landrum	Broad		.06		.21	.29												1.26		.43								.86					3.11
Laurens	Saluda	.02				.24											.02	1.53		.24								.21					2.26
Liberty	Savannah	T.			T	.50												1.50	.50									T.					2.50
Little Mountain	Saluda															.32		.84										.28					1.44
Newberry	Saluda	.03				.35											.46	1.09		.08								.04					2.05
Pelzer ‖‖	do	T.	T			1.10	T.									T.		1.90	T.	.40								.10	.02				3.52
Saluda	do	T.				.10									T.	.30		.80		.12								.06					1.38
Suntuck	Broad	.03				41									T.			2.03		.10								.18			T.		2.75
Spartanburg ‖‖	do	T.				.88	T.											1.92		.40								.08	.07				3.35
Trenton	Edisto					.20										.59		.53										.03					1.35
Valhalla	Savannah	.07			.20	.10											.02	1.54	.02	.66								.18					2.79
Winnsboro ‖‖	Broad	.19																.85		.02									.09				1.15
Winthrop College	Catawba																	2.00		.15													2.15

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	51.4	82	23	1.85	7	.....	.....	.....	.....
1888	52.1	80	19	6.71	9	.....	.....	.....	sw.
1889	51.6	77	20	3.41	7	.....	.....	.....	w.
1890	52.5	85	11	2.96	.....	.....	.....	.....	sw.
1891	50.0	78	20	7.88	.....	.....	.....	.....	ne.
1892	52.8	78	23	3.78	.....	.....	.....	.....	nw.
1893	53.9	85	18	2.22	9	13	9	9	sw.
1894	59.3	90	15	2.08	7	15	11	5	sw.
1895	53.5	90	24	5.71	11	12	8	11	sw.
1896	53.1	93	19	2.12	5	14	10	7	sw.
1897	56.4	92	21	4.54	12	7	9	15	sw.
1898	59.1	92	22	2.99	7	11	9	11	ne.
1899	55.2	89	12	3.89	9	12	10	9	sw.
1900	51.6	79	22	4.22	9	12	8	11	sw.
1901	53.4	86	10	4.36	8	14	8	9	sw.
1902	54.0	86	19	4.08	10	14	7	10	sw.
1903	60.4	84	26	5.92	10	7	9	15	ne.
1904	56.2	87	23	3.42	9	13	9	9	ne.
1905	57.8	93	28	2.15	6	15	6	10	ne.
1906	51.6	82	18	5.34	10	13	6	12	w.
1907	62.0	99	20	1.57	5	15	10	6	sw.
1908	61.4	90	29	4.56	8	15	8	8	sw.
1909	54.1	90	27	4.80	11	14	8	9	sw.
1910	59.4	93	22	1.38	4	21	6	4	sw.
1911	54.9	90	22	2.30	7	17	8	6	w.
1912	53.2	88	15	6.79	10	14	5	12	ne
1913	56.9	88	22	7.40	10	13	5	13	w.
1914	50.2	91	12	2.59	8	14	9	8	w.
1915	46.3	81	22	2.66	7	15	8	8	nw.
1916	53.7	87	15	2.14	5	19	8	4	sw.
1917	55.0	88	14	5.39	11	14	6	11	sw.
1918	59.7	89	29	1.83	6	16	8	7	sw.
1919	56.5	82	27	2.86	7	17	7	7	ne.
1920	52.3	87	10	6.73	8	17	6	8	sw.
1921	62.5	91	28	2.28	6	16	7	8	sw.
1922	55.5	89	24	7.04	11	15	7	9	w.
1923	56.2	88	17	5.14	9	15	6	10	sw.
1924	51.0	88	19	2.74	7	17	6	8	w.
1925	56.6	90	9	1.67	5	20	6	5	w.
Period	55.0	99	9	3.88	8	14	8	9	sw.

Daily Temperatures for March, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	55	60	55	61	54	60	77	84	90	88	89	87	78	65	62	63	75	80	80	79	73	80	65	70	77	78	80	65	70	53	72	71.9
	Minimum	36	36	25	26	41	36	40	44	48	55	55	48	47	45	41	50	50	55	58	52	48	45	43	42	43	50	55	41	37	41	35	44.1
Charleston	Maximum	65	62	42	57	55	63	75	70	83	68	69	81	72	75	66	62	67	72	77	67	65	67	65	63	68	75	73	62	66	54	63	66.7
	Minimum	50	41	30	39	45	42	51	52	55	57	62	57	58	62	53	51	57	60	65	57	54	52	52	54	53	55	56	46	46	45	42	51.6
Cheraw§§	Maximum	56	56	46	62	52	65	76	85	85	78	87	83	68	79	62	61	64	81	77	69	74	79	69	68	79	82	74	60	66	58	59	69.3
	Minimum	39	34	20	24	39	35	39	38	45	55	58	53	52	51	45	38	50	46	58	49	38	39	48	39	37	50	59	38	37	38	34	42.7
Conway	Maximum	65	64	54	65	55	64	74	83	86	77	85	86	72	81	74	63	68	74	82	73	71	73	67	68	76	81	79	65	66	64	59	71.4
	Minimum	43	42	24	25	40	39	45	40	45	53	63	56	53	60	52	41	57	56	63	53	44	43	46	41	42	50	56	41	35	40	37	46.0
Darlington§§	Maximum	56	59	45	64	48	66	78	85	86	82	87	88	69	82	63	64	69	82	80	70	73	79	71	70	80	85	74	60	67	58	60	71.0
	Minimum	39	36	21	24	32	36	39	38	50	55	59	54	52	53	46	36	41	48	55	51	39	39	45	37	36	50	56	40	35	37	36	42.4
Ferguson§§	Maximum	62	60	63	65	64	60	68	67	70	74	80	82	85	70	72	63	75	84	78	68	74	71	69	70	77	78	76	68	65	63	64	70.5
	Minimum	42	45	38	26	34	39	38	36	37	49	52	46	46	57	55	43	47	55	62	57	40	45	42	46	40	45	48	42	38	32	34	43.7
Florence 1	Maximum	59	61	45	64	47	65	78	86	87	82	86	89	70	83	64	66	71	80	82	73	75	70	71	73	78	75	76	74	76	75	75	72.8
	Minimum	40	37	23	25	40	37	38	44	54	57	63	58	53	54	50	39	52	53	63	53	43	43	42	41	40	43	40	39	41	38	40	44.0
Garnett	Maximum	65	65	55	68	59	68	77	87	88	87	88	90	80	81	70	70	71	80	82	75	78	78	74	71	81	83	79	64	72	63	71	74.8
	Minimum	45	37	38	27	44	34	40	42	48	50	60	52	55	59	55	44	52	56	53	55	50	46	45	50	45	48	57	44	38	42	36	46.7
Georgetown	Maximum	70	70	61	65	60	61	75	72	86	76	70	84	72	72	75	63	67	75	82	72	70	72	70	86	74	82	80	65	70	68	64	71.9
	Minimum	45	40	25	27	41	39	39	40	46	55	55	59	53	59	55	47	50	62	62	54	43	44	46	45	44	51	56	41	36	49	36	46.0
Kingstree	Maximum	64	61	56	66	61	64	74	85	85	82	86	86	73	82	70	64	66	79	81	78	74	78	73	71	80	78	77	65	69	67	62	72.8
	Minimum	44	39	25	26	40	39	43	41	48	57	64	55	54	60	50	43	53	56	62	54	44	43	47	45	40	48	57	41	35	40	36	46.1
Orangeburg 1	Maximum	60	61	55	65	63	65	75	85	86	85	86	86	80	79	78	60	66	80	79	75	74	76	69	69	78	81	77	63	68	59	67	72.0
	Minimum	42	37	26	27	41	38	43	43	54	56	59	53	54	57	50	52	51	55	59	54	41	46	46	44	41	48	59	42	36	42	35	46.2
Paris Island§§	Maximum	67	65	50	62	59	70	78	75	88	76	71	85	73	80	71	67	68	74	79	73	70	71	68	62	72	78	76	65	70	59	65	70.9
	Minimum	54	48	39	47	51	47	54	58	58	62	63	61	63	65	60	58	59	64	68	61	60	59	55	56	55	57	60	52	49	48	49	56.1
St. George	Maximum	63	62	48	65	48	64	70	85	85	83	85	85	84	85	63	66	68	80	81	70	75	75	69	80	81	78	71	64	69	69	68	72.7
	Minimum	42	39	28	26	29	39	40	43	46	52	58	54	53	53	54	42	45	53	57	56	43	46	45	46	47	55	50	40	35	42	42	45.9
Society Hill§§	Maximum	59	45	63	48	67	78	86	87	82	88	87	68	83	62	67	70	83	80	70	75	81	71	70	79	85	74	61	68	57	60	66	71.0
	Minimum	34	20	20	25	36	36	38	49	54	56	57	52	52	45	36	37	48	50	51	39	39	44	38	36	37	54	39	38	37	34	33	40.8
Summerville	Maximum	66	64	50	68	49	63	69	85	86	86	88	74	81	69	67	71	78	82	70	70	71	69	70	78	79	79	63	69	55	67	71.7
	Minimum	45	38	27	26	42	40	41	41	48	52	55	55	57	58	50	50	54	56	57	55	50	43	46	46	45	42	56	40	35	40	35	46.0
Wedgefield	Maximum	57	56	45	63	58	70	76	85	87	87	86	87	77	80	68	62	64	80	78	70	70	77	74	80	78	80	75	62	68	65	63	71.9
	Minimum	41	42	26	25	39	36	44	48	55	54	52	55	53	54	48	39	51	54	60	53	42	47	48	42	42	54	55	41	37	39	37	45.3
Yemassee	Maximum	62	63	57	66	56	66	76	87	87	81	86	87	78	79	75	66	71	77	82	72	75	77	72	79	80	80	79	64	69	59	68	73.4
	Minimum	45	37	27	26	42	38	40	42	51	50	59	55	57	59	55	43	51	55	60	54	42	45	45	47	47	46	56	40	36	40	35	46.0
Western Portion.																																	
Aiken	Maximum	60	57	58	61	56	65	73	85	82	85	87	84	79	80	76	61	66	76	73	69	70	76	73	67	74	78	75	67	61	61	68	71.1
	Minimum	45	36	26	28	39	32	40	64	52	70	57	54	55	55	46	48	56	54	60	51	42	48	48	46	41	53	60	43	39	43	39	47.4
Anderson	Maximum	49	51	46	47	59	69	77	82	86	82	82	85	73	71	61	59	65	70	73	68	70	76	70	71	79	79	70	59	67	63	71	68.7
	Minimum	40	31	29	27	36	31	45	45	46	49	53	53	53	45	39	36	44	51	55	43	40	43	51	44	46	51	51	37	43	41	39	43.1
Caesar's Head	Maximum																																
	Minimum	26	25	9	15	27	28	32	50	55	54	53	56	47	44	26	28	33	42	46	34	25	33	34	42	48	52	51	29	30	29	29	36.6
Calhoun Falls§§	Maximum	53	53	44	58	58	68	80	87	85	86	87	86	69	76	65	61	65	73	73	66	75	78	70	69	80	83	68	64	70	64	72	70.3
	Minimum	35	29	17	17	26	24	25	35	39	44	44	48	50	40	37	42	35	39	48	41	33	35	42	41	37	39	48	34	39	39	33	36.6
Camden§§	Maximum	58	58	53	64	53	68	77	85	86	83	85	86	70	78	71	69	68	70	76	71	71	70	73	72	71	81	72	63	68	60	62	71.0
	Minimum	39	34	24	24	28	35	35	40	44	49	54	49	48	50	47	48	36	40	48	52	38	39	43	43	37	36	43	40	35	38	34	40.4
Chester	Maximum	53	51	45	50	49	66	73	81	83	80	83	82	69	75	64	61	62	74	68	64	68	67	74	72	72	80	70	58	63	59	61	67.1
	Minimum	38	32	20	31	38	31	41	47	54	51	42	52	48	43	37	46	49	55	47	48	47	52	40	42	52	54	38	38	40	34	42.1
Clemson College	Maximum																																
	Minimum																																
Columbia	Maximum	59	56	44	61	49	65	74	85	86	83	86	85	65	78	60	59	63	78	74	66	72	77	66	68	78	80	73	59	66	58	65	69.4
	Minimum	41	33	24	32	41	34	45	49	55	57	59	61	53	57	47	41	49	54	61	53	46	50	51	45	43	55	50	43	38	41	39	46.1
Due West	Maximum	50	51	44	52	54	67	76	82	83	80	82	83	64	72	58	59	63	70	71	64	68	73	66	65	75	78	65	59	65	59	68	66.1
	Minimum	40	28	21	28	37	32	48	43	53	50	53	50	51	43	41	35	45	50	52	45	41	44	50	45	41	50	45	36	41	41	35	42.1
Greenville	Maximum	46	46	43	44	51	70	76	81	82	78	80	80	66	65	57	57	63	68	71	62	66	72	64	66	76	76	66	57	63	56	62	64.4
	Minimum	38	24	19	30	37	37	52	48	55	56	53	56	52	48	38	38	43	52	54	44	41	46	51	46	48	53	45	38	42	40	42	44.1
Greenwood	Maximum	55	53	51	45	58	54	67	75	83	85	80	83	84	65	74	62	61	62	73	71	66	72	75	69	68	76	79	65	59	66	59	67.1
	Minimum	38	32	20	21	31	33	34	48	55	52	51	56	52	45	41	33	35	47	50	45	39	43	47	40	44	48	55	38	40	41	37	41.1
Heath Springs	Maximum	54	53	48	55	50	64	73	82	80	78	84	82	78	79	72	59	60	74	72	64	68	75	70	63	73	80	73	66	60	60	60	68.6
	Minimum	38	33	19	26	38	33	43	45	57	53	57	56	46	47	43	31	48	42	56	47	40	46	48	42	43	55	53	38	46	34	35	43.3
Kershaw	Maximum	54	53	44	60	47	66	74	85	83	81	85	84	71	76	77	62	64	72	74	64	71	77	68	67	77	82	71	58	64	56	60	68.4
	Minimum	38	32	18	26	39	34	45	44	53	54	56	54	50	48	43	35	45	47	52	49	38	44	48	46	49	52	47	40	37	36	34	43.3
Landrum	Maximum	45	47	42	46	52	68	78	82	84	79	82	82	68	68	59	55	63	70	73	67	67	71	66	66	76	79	70	56	60	58	59	65.5
	Minimum	32	28	15	15	33	37	43	41	59	58	61	57	53	47	36	32	42	47	54	40	32	40	45	38	40	50	51	39	37	36	40	41.1
Laurens	Maximum	51	49	46	53	54	69	71	84	85	81	82	86	74	71	65	62	65	72	74	64	70	75	68	69	78	80	68	..	..	..	..	[a]69.
	Minimum	42	32	20	26	37	28	40	37	45	45	44	52	53	44	40	34	45	47	55	45	35	41	49	40	38	50	55	36	35	41	34	40.1
Liberly	Maximum	47	39	44	41	55	60	78	87	84	79	81	81	73	68	60	56	65	72	70	77	68	74	67	68	77	79	66	61	68	67	67	67.1
	Minimum	37	25	15	21	32	42	40	42	52	45	42	50	38	43	34	34	41	56	40	39	36	40	45	41	39	45	45	34	40	33	33	38.8
Little Mountain	Maximum	54	55	44	59	51	64	72	83	84	83	82	84	85	76	66	60	62	78	75	71	69	71	73	65	75	78	68	59	64	58	65	68.6
	Minimum	36	31	18	28	29	30	42	51	56	55	54	57	48	48	44	36	45	56	50	45	43	46	47	43	43	53	55	38	37	39	34	43.3
Newberry	Maximum	55	55	46	59	52	67	75	83	86	82	84	85	67	76	63	62	63	76	74	65	70	75	67	68	77	80	70	61	66	61	67	68.4
	Minimum	39	33	21	28	39	32	40	41	48	54	52	52	52	46	43	36	47	49	55	47	38	42	49	42	39	53	51	40	35	42	37	42.1
Saluda	Maximum	56	55	50	59	58	66	74	82	85	81	82	82	75	75	67	61	64	75	72	68	71	75	71	68	78	79	73	63	65	60	67	69.4
	Minimum	41	33	22	27	39	30	34	38	45	48	46	50	53	46	44	32	48	47	55	48	35	39	44	38	37	49	59	36	32	36	32	40.0
Santuck	Maximum	54	52	44	52	51	66	74	82	84	80	83	84	70	75	65	62	63	73	74	66	70	76	67	67	77	80	68	60	64	66	64	68.8
	Minimum	38	28	16	26	30	25	32	34	40	45	42	49	52	42	42	28	46	44	55	45	32	36	41	36	35	47	56	38	35	36	31	38.8
Spartanburg	Maximum	48	47	44	48	53	69	75	82	84	80	81	81	59	71	58	60	64	73	75	63	68	74	66	68	77	79	70	57	63	58	62	66.4
	Minimum	35	30	17	20	30	28	40	40	49	50	50	53	53	45	37	34	39	38	51	43	38	42	47	40	42	48	47	39	43	41	34	40.8
Trenton	Maximum	58	59	47	62	56	67	75	86	88	86	84	76	68	78	59	61	63	76	78	68	73	71	68	72	80	82	68	62	70	62	70	70.3
	Minimum	42	33	23	29	29	46	46	47	54	52	51	48	53	53	44	41	47	52	54	48	42	46	48	44	48	53	58	37	37	40	34	44.4
Walhalla	Maximum	50	49	45	41	57	70	78	84	83	81	82	83	69	64	60	56	64	64	72	67	67	73	66	73	77	78	72	60	65	64	69	67.7
	Minimum	37	27	14	21	29	25	38	45	47	42	43	45	53	46	35	36	42	49	42	37	36	36	..	..	..	49	45	38	37	32	37	[c]34.
Winnsboro§§	Maximum	55	55	45	61	49	....	74	83	85	82	85	84	61	76	59	61	63	76	72	64	70	75	68	67	77	80	70	59	64	58	64	[a]68.
	Minimum	38	32	20	28	33	30	33	50	53	55	54	57	53	48	44	35	40	47	49	48	39	45	48	42	45	51	58	37	38	38	35	42.2
Winthrop College	Maximum	50	51	42	50	49	61	75	82	84	80	83	82	74	74	67	61	63	75	74	70	70	76	59	67	76	80	75	57	64	60	59	67.4
	Minimum	37	30	17	29	37	30	42	50	54	53	53	53	50	46	41	34	45	45	55	38	45	46	48	39	44	53	50	37	48	37	35	43.1

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

WBO, Raleigh, 4-24-25—900

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., APRIL, 1925. No. 4.

GENERAL SUMMARY.

The month was unusually warm, on the whole, and the April maximum temperature record for the Section was broken on the 24th and 25th. Rainfall was considerably below normal.

The growing season opened with vegetation about two weeks in advance of normal and farm work progressing well. Cotton and corn planting proceeded satisfactorily, but the relatively dry weather retarded germination, and stands were irregular at the end of the month; in fact, general development was rather behind the season. Winter cereals reflected the droughty conditions, and wheat and oats headed short. Field crops, truck, and gardens maintained generally good condition, however, but strawberries were generally small. Tobacco transplanting began about the middle of the month, and sweet potato beds were in good condition. Tree fruits were in good condition. The woods were generally green by the 9th.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.01 inches. The highest pressure was 30.51 inches at Charlotte, N. C., on the 21st, and in the Section proper, 30.46 inches at Columbia on the same date; the lowest pressure was 29.64 inches at Asheville, N. C., on the 10th and at Columbia on the 28th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 65.9°, or 3.7° above the normal. The highest temperature was 99° at Blackville on the 24th and at Society Hill on the 25th, the highest maximum temperature for April. The warm periods were from the 8th to the 20th and from the 23d to the 28th, inclusive, when the daily mean temperatures ranged 5 to 20° above normal. The lowest temperature was 25° at Walhalla on the 1st. The cold periods were during the first week, about the 21st, and at the close of the month. The last general spring killing frosts occurred during the first 3 days.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 76%; noon, 51%; 8 p. m., 63%. The highest percentages occurred along the coast, and the lowest, over the northwestern border.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 2.12 inches, or 0.92 inch below the normal. There were two well-defined rainy periods during the first half of the month, the showers becoming scattered during the last half, especially in the eastern division. The greatest local monthly amount was 5.41 inches at Paris Island; least local monthly amount, 0.85 inch at Little Mountain. The greatest amount during any 24 hours was 3.81 inches at Paris Island on the 5th. The number of rainy days was 14% below normal. There was no snowfall.

Killed by Lightning.—Charles Blyther, colored, at Camden, shortly after 3 p. m. on the 21st.

WIND.

The prevailing wind was from the south. The average hourly velocity, determined from 9 anemometer records, was 8.1 miles. The highest average was 12.4 miles per hour at Savannah, Ga., and in the Section proper, 11.5 miles per hour at Charleston; the lowest average velocity was 4.6 miles per hour at Charlotte, N. C., and in the Section proper, 6.9 miles per hour at Greenville. The highest velocity for any 5-minute period was 48 miles per hour from the northeast at Charleston on the 20th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 276.3 hours, or 71% of the possible amount. The average number of clear days was 18; partly cloudy, 6, and cloudy, 6, as against normals of 15, 8, and 7 days, respectively.

RIVER CONDITIONS.

The rivers of the Section maintained fair stages only during the month, incident to the relatively dry weather.

JUN 22 1925
UNIVERSITY OF ILLINOIS

MISCELLANEOUS PHENOMENA (dates).

Killing Frosts or Freezing Temperatures, Number of Stations.—1st, 16; 2d, 3; 3d, 1.

Hail.—Camden, 28; Chester, 30; Columbia, 3; Garnett, 21; Laurens, 21; Saluda, 21; Summerville, 27; Travelers Rest, 20; Walhalla, 25, 26.

Halos—Lunar: Columbia, 6, 10. *Solar:* Columbia, 25; Due West, 4, 6, 8, 9, 25; Greenville, 6, 8, 9, 20.

MISCELLANEOUS DATA FOR APRIL, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.01	58.4	89	30	2.45	0.82	7.8	nw.	76	44	54	67
Augusta, Ga.....	30.00	67.7	94	37	3.23	1.00	6.0	nw.	79	54	64	74
Charleston, S. C...	30.01	66.8	92	40	1.89	1.49	11.5	sw.	76	59	77	77
Charlotte, N. C...	30.01	63.9	96	34	2.34	1.07	4.6	ne.	73	55	57	64
Columbia, S. C....	30.01	66.8	94	34	1.24	0.56	7.1	s.	80	48	53	72
Due West, S. C....	30.04	64.4	92	33	1.84	0.93	9.0	sw.	74	46	....	72
Greenville, S. C...	30.00	64.1	92	37	2.74	1.49	6.9	n.	70	48	53	72
Savannah, Ga.....	30.01	68.2	94	38	2.37	1.10	12.4	s.	80	54	68	69
Wilmington, N. C.	30.02	64.0	93	40	1.16	0.30	7.6	sw.	80	53	75	68
Means and extremes	30.01	64.9	96	30	2.14	1.49	8.1	sw.	75	51	63	71

Climatological Data for April, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	
Eastern Portion.																				
Blackville	Barnwell	296	41	67.6	+3.2	99	24	34	1	44	2.75	−0.54	2.05	0	3	21	1	8	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	66.8	+2.3	92	27	40	1	27	1.89	−1.10	1.49	0	4	13	12	5	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	43	65.4	+3.9	95	26	33	1	45	1.91	−1.03	0.82	0	3	....	....	....	...	Rohnd D. Powe.
Conway	Horry	25	35	65.7	+3.1	94	26	36	3	38	3.67	+0.57	1.40	0	9	20	2	8	sw.	Paul Quattlebaum.
Darlington††	Darlington	175	30	65.0	+3.1	97	24	35	2	47	2.06	−1.13	0.80	0	7	15	7	8	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	.....	2.50	−0.82	1.08	0	6	....	....	....	.....	Wm. B. Gillespie.
Ferguson††	Orangeburg	63	39	65.9	+3.8	94	25	35	† 1	41	2.17	−0.70	0.87	0	7	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	43	[b]67.5	+4.9	[b]98	†20	[a]36	1	[b]51	1.71	−1.12	0.76	0	8	26	1	3	sw.	H. K. Gilbert.
Florence 2	....do	136	10	.....	.....	....	.....	.....	.....	.....	1.68	−1.15	0.88	0	7	16	6	8	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	[f]67.3	.....	[c]96	20	[f]38	2	[f]41	2.80	.....	1.41	0	6	21	4	5	.....	Muner B. Robert.
Georgetown	Georgetown	18	32	65.8	+2.3	94	20	36	7	44	2.99	−0.34	0.97	0	4	21	7	2	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	43	66.8	+3.6	94	24	36	† 1	41	2.80	−0.01	1.30	0	6	22	2	6	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	1.39	....	0.60	0	5	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	67.4	.....	95	†20	35	1	42	1.72	.....	0.55	0	5	20	1	9	s.††	U.S. Fisheries Station.
Paris Island	Beaufort	13	44	68.0	+3.0	87	27	45	1	30	5.41	+3.10	3.81	0	4	13	11	6	s.	U.S.Naval Aerological Sta.
Pinopolis	Berkeley	54	78	64.8	+2.7	89	†26	41	4	.....	2.05	−0.92	0.70	0	4	18	6	6	n.††	Miss E. P. Ravenel.
Rimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	2.94	+0.07	1.20	0	6	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	67.5	+3.3	94	†20	36	1	40	3.19	+0.22	1.55	0	5	11	15	4	.....	R. L. Utsey.
Society Hill	Darlington	192	34	65.8	+4.0	99	25	33	1	49	2.15	−1.11	0.95	0	6	20	5	5	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	66.8	+3.3	95	20	33	1	41	2.38	−1.03	1.25	0	7	21	7	2	s.	D. P. Dehon.
Wedgefield	Sumter	249	35	66.9	+4.5	95	25	33	1	43	1.87	−1.19	0.52	0	6	22	1	7	w.	W Hampton Ramsey.
Yemassee	Hampton	24	36	66.2	+2.4	92	26	30	1	39	1.65	−1.37	0.87	0	5	22	1	7	ne.	W. C. Hutson.
Division means and	extremes	.....	....	66.6	+3.6	99	†24	30	1	51	2.46	−0.58	3.81	0	6	19	5	6	s.	
Western Portion.																				
Aiken	Aiken	527	63	67.7	+4.7	93	20	37	1	41	1.20	−1.89	1.03	0	2	16	7	7	nw.	Frank B. McCoy.
Anderson	Anderson	764	32	65.2	+3.8	90	†20	32	1	41	3.37	+0.19	2.30	0	3	18	5	7	w.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	0.98	−1.58	0.38	0	7	....	....	....	.....	Esther B. Owens.
Cæsars Head	Greenville	3118	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	64.8	.....	97	20	26	1	[a]50	1.44	−2.08	0.85	0	3	18	3	9	s.††	L. M. Parker.
Camden	Kershaw	222	75	[f]66.5	+4.0	[f]95	†21	34	† 1	[f]44	2.27	−0.81	1.10	0	8	....	....	....	w.	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	.....	2.18	−0.81	1.01	0	6	....	....	.	.....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	1.13	−1.40	0.85	0	5	....	....	....	.....	George V. Clamp.
Chester	Chester	487	3	64.7	.....	96	24	30	1	45	1.36	.....	0.88	0	6	11	11	8	ne.	J. C. Cornwell.
Clemson College	Oconee	850	33	64.4	+4.8	93	24	29	1	40	3.11	−0.60	1.58	0	7	20	8	2	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	66.8	+3.5	94	24	34	1	33	1.24	−1.62	0.56	0	4	16	6	8	s.	U S. Weather Bureau.
Due West	Abbeville	711	11	64.4	+3.7	92	24	33	1	35	1.84	−1.17	0.93	0	9	13	10	7	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gaston Shoals ††	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	1.41	−1.88	0.62	0	5	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	64.1	+5.5	92	24	37	1	34	2.74	−0.91	1.49	0	7	14	10	6	n.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	65.6	+4.5	91	25	34	2	40	1.47	−1.42	0.62	0	5	22	0	8	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	65.6	+5.2	94	24	33	1	46	2.02	−1.02	0.77	0	6	20	3	7	s.	J. Marvin Bowers.
Kershaw	Kershaw	500	9	65.6	.....	96	24	34	1	39	1.45	.....	0.51	0	9	23	0	7	w.	John W. Hamel.
Landrum	Spartanburg	1063	10	63.2	+3.2	95	24	34	1	40	2.63	−2.52	0.71	0	7	16	8	6	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	63.4	.....	91	24	27	1	41	2.62	.....	1.00	0	6	17	10	3	se.	L. G. Roff.
Liberty	Pickens	900	25	63.2	+2.6	94	24	28	1	41	2.60	−3.28	1.50	0	4	18	2	10	s.	O. F. Boggs.
Little Mountain	Newberry	711	32	65.4	+3.6	93	24	31	1	42	0.85	−2.23	0.45	0	2	23	1	6	s.	Miss Alberta Sease.
Newberry	Newberry	502	21	65.8	+3.6	96	24	30	1	42	1.01	−1.81	0.65	0	5	22	3	5	w.	John H. Baxter.
Pelzer	Anderson	850	21	.....	.....	.....	.....	.....	.....	.....	3.86	+0.12	1.82	0	8	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	66.0	+3.7	96	24	28	1	44	1.19	−1.49	0.37	0	5	17	9	4	sw.	W. S. Crout.
Santuck	Union	512	32	63.3	+2.9	95	24	26	1	45	1.16	−2.06	0.65	0	7	19	6	5	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	48	63.4	+3.3	94	24	30	1	42	1.97	−1.11	0.58	0	7	....	....	....	.....	F. P. Robinson.
Trenton ††	Edgefield	620	32	68.2	+5.5	97	†20	32	1	41	0.99	−2.36	0.55	0	3	23	4	3	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	62.8	+4.5	94	24	25	1	49	3.66	−0.99	2.08	0	9	16	10	4	se.	H. W. Brandt.
Winnsboro	Fairfield	545	31	[g]68.1	+7.0	[b]96	24	[g]31	1	[b]43	1.46	−1.22	0.69	0	5	18	3	9	nw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	25	65.0	+4.2	96	24	30	1	44	1.40	−1.72	0.35	0	6	9	20	1	s.	W. T. Clawson.
Division means and	extremes	.....	....	65.1	+4.0	97	20	25	1	50	1.88	−1.39	2.30	0	6	18	6	6	w.	
Section means and	extremes	.....	....	65.9	+3.7	99	†24	25	1	51	2.12	−0.92	3.81	0	6	18	6	6	s.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡ Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow. ††Other directions also.

Daily Precipitation for April, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville |||	Edisto					2.05	.10				.60																					2.75
Charleston ***	Coast				T.	1.44	.31				.01	.13											T						T.		T.		1.89
Cheraw |||	Pee Dee	T				T.	.82					T.						T.	T										1.00	.09			1.91
Conway |||	Waccamaw	.04				.26	1.40	.38				.09												.20				.11	.07	1.12			3.67
Darlington |||	Pee Dee					.30	.80											.03										.30	.25	.28	.10		2.06
Effingham |||	Lynches	.17				.14	.94	T.				.14																.25		.86	T.		2.50
Fergnson |||	Santee	.21				.47	.34	.06				.14															.87			.08			2.17
Florence 1 |||	Pee Dee	.08					.76					.11						.05										.18	.08	.33	.12		1.71
Florence 2 |||	do					T.	.88					.12						.02										.18	.06	.32	.10		1.68
Garnett	Savannah				T.	1.41	.05				.25	.55										.42						.12					2.80
Georgetown	Coast	.40				.76	.97																							.86			2.99
Kingstree |||	Black	.20				.70	.20	.10																				.30		1.30			2.80
Mars Bluff	Pee Dee						.60																					.20	.22	.24	.13		1.39
Orangeburg	Edisto	T.				.55	.16	T.			T.	.54						T.				T.						.39		.08			1.72
Paris Island	Coast				T.	3.81	.30				1.28											.02											5.41
Pinopolis	Cooper					.70	.62					.10															.63						2.05
Rimini |||	Santee	.23			.65	.21						.30															1.20			.35			2.94
St. George	Edisto					1.55	.18	.03				.08																1.35						3.19
Society Hill |||	Pee Dee				.10	.95											.24										.65	.11	.10			2.15
Summerville	Ashley					1.25	.55				.05	.05					.03											.25	.20				2.38
Wedgefield	Wateree					.35						.05	.52															.20	.25	.50			1.87
Yemassee|||	Ashepoo					.87	.03					.62										.08						.05					1.65
Western Portion.																																	
Aiken	Edisto																					1.03						.17					1.20
Anderson	Savannah					2.30						.72																					3.37
Blairs |||	Broad					.38	.17				.08	.05							.03									.21		.06			0.98
Caesar's Head	Saluda																																
Calhoun Falls |||	Savannah				T.	.59					.62	.23																					1.44
Camden |||	Wateree	.07				.15	.60				.05	.22							.03										.05	1.10			2.27
Catawba |||	Catawba					.13	.52				T.	1.01		T.					.26										T.	.24	.02		2.18
Chappells |||	Saluda					.85	.08				.05	.10									.05												1.13
Chester	Broad	T.				.58	.30				.20	.06							.10												.12		1.36
Clemson College	Savannah					1.58	.06				.71	.45							.10										.20	.01				3.11
Columbia ***	Congaree				T.	.56	.01				.35												T.				T.	T.	.32				1.24
Due West***	Savannah				.52	.42	.01				.66							.04			T.	T.	.02			T.	.01	.04	.12				1.84
Edgefield |||	Savannah																																
Gaston Shoals |||	Broad						.15				.41	.03							.62											.20			1.41
Greenville ***	Saluda				.19	1.32					.75	.04	.01					.30			T.		T.					T	.13				2.74
Greenwood |||	do					.62	.17				.25	.32										.11										1.47
Heath Springs	Wateree					.76					.20							.13										.03	.77	.13			2.02
Kershaw |||	Lynches	.06				.29	.51					.15						.02	.04									.04	.04	.30			1.45
Landrum	Broad					.71	.06				.62								.46								.09	.22	.47				2.63
Laurens	Saluda				T.	1.00					.58								.19			.64	T.					.07	.14	T.			2.62
Liberty	Savannah					1.50	T.				.30	T.						T	.65				T.			T.			.15				2.60
Little Mountain	Saluda					.45					.40																T.		T.				0.85
Newberry	Saluda					.65	.15				.10	.07						T.					.04						T.				1.01
Pelzer |||	do					1.82	.28				.50	.84							.28								.02	.10	.02				3.86
Saluda	do				T.	.37	.17				.35											.28	.02										1.19
Santuck	Broad					.65	.10				.21	T.						T.	.13				.01				.05	.01					1.16
Spartanburg |||	do					.42	.35				.58	.25		.02					.30								T.		T.	.05			1.97
Trenton	Edisto					.55					.39											.05											0.99
Valhalla	Savannah					2.08	.03				.61	.05						.02	.38							.02	.37	T.	.10				3.66
Wimsboro |||	Broad						.69					.20							.02									.10		.45			1.46
Winthrop College	Catawba					.25	.26				.25	.15	.14						.35														1.40

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	62.3	94	28	2.09	5				
1888	64.6	95	31	1.33	4				sw.
1889	62.4	93	30	2.01	6				ne.
1890	62.8	94	31	2.02	6				sw.
1891	63.2	92	26	1.66					sw.
1892	62.8	88	29	1.13					nw.
1893	66.7	94	34	1.30	5	15	10	5	sw.
1894	62.6	95	30	2.01	6	15	•10	5	sw.
1895	61.4	94	28	5.55	10	12	9	9	sw.
1896	66.9	98	30	1.31	4	14	11	5	sw.
1897	62.2	95	31	3.24	9	16	6	8	sw.
1898	58.0	92	26	5.05	8	16	7	7	sw.
1899	60.0	91	27	3.02	7	12	9	9	n.
1900	62.4	90	24	5.41	9	12	9	9	ne.
1901	56.0	89	30	5.03	7	15	6	9	nw.
1902	60.4	91	24	2.18	7	15	9	6	w.
1903	60.4	88	26	2.95	8	14	9	7	w.
1904	59.2	89	21	1.34	6	14	8	8	sw.
1905	62.8	92	25	3.83	9	15	8	7	sw.
1906	65.1	93	28	1.39	4	20	6	4	sw.
1907	56.4	89	20	4.40	10	10	13	7	sw.
1908	66.6	95	31	4.75	9	11	10	9	sw.
1909	63.9	96	30	2.95	7	14	9	7	sw.
1910	63.4	95	32	1.71	5	15	10	5	sw.
1911	61.6	91	30	2.95	8	12	9	9	ne
1912	64.3	91	32	4.24	9	14	5	11	sw.
1913	61.2	90	30	2.00	6	20	4	6	sw.
1914	63.7	98	30	2.86	7	14	10	6	w.
1915	63.1	96	25	1.47	4	20	6	4	w.
1916	61.6	93	24	1.79	5	18	8	4	w.
1917	64.9	96	28	3.34	7	20	6	4	sw.
1918	61.0	92	32	5.82	11	11	9	10	sw.
1919	62.4	92	24	2.10	5	20	5	5	s.
1920	61.4	94	26	5.13	10	13	6	11	sw.
1921	63.3	91	27	2.43	6	16	8	6	s.
1922	64.5	95	33	5.11	8	14	7	9	sw.
1923	61.5	94	18	3.48	9	15	7	8	w.
1924	61.6	91	24	5.90	10	15	5	10	w.
1925	65.9	99	25	2.12	6	18	6	6	s.
Period	62.4	99	18	3.04	7	15	8	7	sw.

Daily Temperatures for April, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	68	74	75	74	64	63	75	84	83	70	83	85	88	88	88	88	84	89	89	98	62	79	92	99	75	97	94	88	78	76	....	81.7
	Minimum	34	38	44	43	49	45	47	44	48	50	55	50	55	55	59	59	59	58	62	69	54	54	59	64	64	66	61	63	52	46	....	53.5
Charleston	Maximum	64	70	62	67	61	56	69	72	76	68	74	78	84	78	80	83	73	77	81	92	65	73	82	82	82	83	92	87	70	72	....	75.0
	Minimum	40	49	49	52	56	49	52	52	54	60	58	56	59	61	63	64	64	64	66	65	55	63	65	67	67	68	70	61	54	55	....	58.6
Cheraw§§	Maximum	68	69	74	75	56	61	74	84	81	72	75	88	89	86	91	79	77	89	90	92	65	66	92	94	94	95	86	78	67	68	....	79.2
	Minimum	33	37	35	38	52	45	45	39	45	58	53	45	51	54	55	55	54	62	62	63	46	55	57	61	65	65	63	64	49	43	....	51.6
Conway	Maximum	64	68	70	72	65	59	74	81	75	68	76	85	87	83	86	78	79	84	86	94	69	71	89	93	92	94	89	87	68	70	....	78.5
	Minimum	40	38	36	39	54	43	46	43	46	59	56	49	55	58	54	58	54	62	59	63	43	55	61	63	61	60	63	65	55	49	....	52.9
Darlington§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Ferguson§§	Maximum	63	70	68	71	70	60	73	79	81	70	80	83	87	86	85	84	83	84	87	93	65	86	89	94	93	92	92	86	69	70	....	79.9
	Minimum	35	35	42	37	44	45	47	40	44	60	55	46	49	55	62	58	55	57	56	67	62	53	59	61	61	64	61	51	52	45	....	51.9
Florence 1	Maximum	68	72	....	60	....	58	75	83	83	70	79	88	92	88	89	84	85	88	91	98	70	72	94	98	95	97	91	82	65	70	....	[b]81.5
	Minimum	36	39	41	....	48	45	47	42	47	60	56	48	57	57	57	58	56	63	62	63	47	50	61	61	64	65	63	65	49	44	....	[b]53.5
Garnett	Maximum	...	74	74	74	66	69	74	82	84	73	75	86	90	87	88	92	85	88	89	96	84	78	90	94	93	95	94	....	....	74	....	[c]83.3
	Minimum	....	38	45	44	57	46	50	44	49	48	56	49	51	52	54	57	62	58	61	63	57	57	60	62	62	....	....	....	....	....	....	[f]51.3
Georgetown	Maximum	64	72	72	72	65	62	74	80	75	72	77	80	85	90	80	83	80	85	84	94	62	83	90	90	92	91	92	90	75	71	....	79.4
	Minimum	38	38	46	40	50	44	36	44	47	55	56	60	55	55	57	58	58	60	61	50	45	52	53	55	61	64	65	65	50	50	....	52.1
Kingstree	Maximum	65	70	71	73	67	65	73	81	80	73	75	87	89	85	86	84	81	88	88	93	91	74	90	94	91	93	89	83	66	70	...	80.5
	Minimum	36	36	40	39	55	45	57	43	46	59	55	48	52	60	54	57	56	60	60	63	50	56	62	63	61	61	62	62	50	47	....	53.2
Orangeburg 1	Maximum	64	72	71	73	68	61	73	81	82	70	72	83	88	85	87	85	83	87	90	95	89	79	91	95	93	93	90	87	84	71	....	81.4
	Minimum	35	38	42	41	54	47	49	43	46	60	55	48	50	55	61	57	58	59	61	62	53	57	59	61	60	62	61	66	53	47	....	53.3
Paris Island§§	Maximum	66	75	67	71	64	60	70	74	75	68	74	78	80	73	76	80	78	81	77	84	67	73	80	77	80	80	87	81	74	70	....	74.7
	Minimum	45	50	53	61	58	52	53	55	57	58	58	57	59	61	73	65	66	67	69	69	58	63	66	68	68	69	71	67	56	67	....	61.3
St. George	Maximum	65	72	70	75	64	57	68	82	82	70	74	85	87	87	88	90	82	87	88	94	85	87	89	90	94	93	90	89	86	72	....	81.4
	Minimum	36	38	45	40	55	47	45	42	48	53	55	49	52	54	59	59	58	58	59	63	55	55	59	63	63	64	64	66	57	47	....	53.6
Society Hill§§	Maximum	70	71	76	58	61	73	84	86	73	76	89	91	90	92	80	83	92	95	95	68	72	94	98	98	99	93	85	86	70	73	....	82.4
	Minimum	33	37	41	41	45	46	39	39	43	52	45	52	52	53	54	53	54	61	64	46	46	55	60	63	63	62	62	49	41	42	....	49.8
Summerville	Maximum	65	72	73	75	64	60	74	81	82	70	75	86	89	85	86	88	83	87	88	95	79	76	90	93	93	94	92	88	73	73	....	81.0
	Minimum	33	39	40	45	55	45	49	43	45	55	55	49	51	54	54	57	57	57	56	63	54	57	59	62	59	61	61	65	53	46	...	52.6
Wedgefield	Maximum	65	73	70	74	63	60	72	72	83	82	74	75	83	88	84	87	83	83	81	83	89	94	86	77	90	95	94	93	88	81	69	....	80.3
	Minimum	33	42	39	44	54	45	50	43	48	50	60	54	52	58	58	48	61	58	62	64	45	51	55	62	64	63	65	63	61	52	....	53.5
Yemassee	Maximum	66	73	72	74	66	61	75	80	81	72	74	84	88	83	84	90	81	85	87	93	87	77	88	91	90	92	91	87	76	70	....	80.6
	Minimum	30	37	44	40	55	50	49	44	42	54	55	48	52	50	51	54	57	54	57	62	55	56	56	59	56	60	61	63	53	47	....	51.7
Western Portion.																																	
Aiken	Maximum	65	68	69	73	69	64	71	80	79	79	73	83	88	83	85	87	83	82	87	93	90	77	88	91	90	89	90	87	80	74	....	80.6
	Minimum	37	41	46	56	50	52	49	45	50	47	51	65	56	54	56	57	59	61	60	66	49	56	59	62	65	63	64	68	53	47	....	54.8
Anderson	Maximum	66	73	69	69	63	62	70	80	80	69	76	83	85	83	86	....	73	83	85	90	82	70	...	....	90	87	86	78	70	64	....	[c]76.7
	Minimum	32	39	42	49	51	47	45	47	50	54	51	52	55	58	59	58	57	61	60	73	51	54	60	65	67	67	61	54	51	43	...	53.8
Caesar's Head	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Calhoun Falls§§	Maximum	70	77	74	70	67	63	73	83	81	69	76	84	89	84	89	87	83	87	90	97	61	73	93	96	94	93	90	83	76	68	....	80.7
	Minimum	26	27	34	40	47	46	44	42	45	48	45	45	49	49	52	54	54	55	59	60	51	49	51	57	61	66	60	60	48	40	....	48.8
Camden§§	Maximum	68	73	....	72	....	....	74	83	84	70	78	86	91	90	...	87	79	89	93	95	....	77	92	95	95	93	92	83	....	68	....	[b]83.6
	Minimum	34	34	36	35	39	39	40	42	44	45	54	46	51	52	52	55	56	56	59	62	51	49	49	61	62	63	62	63	46	45	....	49.4
Chester	Maximum	64	70	67	69	63	59	65	70	81	80	79	84	85	87	87	79	75	86	86	92	81	72	91	96	94	92	89	80	70	65	...	78.6
	Minimum	30	35	38	42	53	45	46	47	47	46	46	45	46	50	56	59	58	61	62	62	47	54	55	60	67	65	61	54	50	38	....	50.8
Clemson College	Maximum	66	69	69	65	65	65	69	77	77	75	78	79	82	82	88	88	79	84	86	91	90	72	88	93	90	85	85	81	71	70	....	78.5
	Minimum	29	34	37	46	50	48	45	41	45	54	51	45	49	50	51	50	58	58	56	60	53	54	54	59	63	59	56	60	51	42	....	50.3
Columbia	Maximum	63	70	68	70	61	61	71	81	80	69	73	84	87	84	87	81	78	85	88	93	65	73	90	94	92	92	90	80	70	67	....	78.2
	Minimum	34	42	44	48	53	50	50	48	53	56	55	51	59	62	62	60	59	64	63	65	50	56	62	67	68	66	65	52	51	48	....	55.4
Due West	Maximum	63	70	66	67	55	60	69	78	79	67	73	81	84	81	85	81	76	83	86	91	68	69	89	92	91	89	86	79	70	64	....	76.4
	Minimum	33	35	41	48	52	46	46	48	50	53	51	48	52	59	56	60	55	61	61	63	50	52	57	64	66	62	60	51	49	42	....	52.4
Greenville	Maximum	63	70	65	64	54	64	70	78	76	66	74	79	83	80	84	76	72	82	83	89	69	70	89	92	89	84	83	76	67	60	...	75.0
	Minimum	37	43	44	46	50	46	45	48	52	53	53	53	55	57	57	60	57	60	61	64	50	53	55	65	68	61	60	52	49	43	....	53.2
Greenwood	Maximum	68	63	69	68	68	63	68	71	79	81	67	73	81	85	82	85	83	78	83	85	90	84	69	85	91	90	85	86	81	69	....	77.7
	Minimum	37	34	39	38	50	52	47	46	51	53	55	50	52	55	59	57	56	55	63	61	65	50	53	60	64	67	65	60	65	48	..	53.6
Heath Springs	Maximum	61	61	61	69	64	61	69	79	79	73	73	81	84	82	87	82	73	83	86	92	88	82	89	94	92	90	86	84	80	76	....	78.7
	Minimum	33	39	37	42	51	45	41	47	47	57	51	53	55	56	61	58	54	60	61	62	46	53	60	63	65	65	61	63	47	40	....	52.4
Kershaw	Maximum	60	70	69	74	58	60	72	81	83	70	73	85	88	84	88	82	82	87	90	91	73	70	92	96	93	93	93	80	63	61	....	78.7
	Minimum	34	36	36	41	52	45	47	44	44	57	52	50	52	56	60	59	55	61	61	63	47	55	59	63	65	65	62	64	48	41	....	52.5
Landrum	Maximum	63	67	66	61	56	63	70	80	75	68	75	81	83	82	86	76	68	82	84	89	78	73	91	95	91	88	83	78	62	59	....	75.8
	Minimum	34	48	35	37	49	45	44	44	43	53	53	59	52	50	52	59	55	57	59	61	49	53	52	59	64	59	57	53	49	38	....	50.7
Laurens	Maximum	61	59	65	68	63	59	68	76	81	69	73	83	86	85	86	80	76	85	87	90	79	70	88	91	88	90	79	78	66	62	....	76.5
	Minimum	27	37	35	42	51	46	47	41	43	54	51	45	48	52	55	55	57	57	60	62	50	54	55	59	64	61	59	54	48	42	....	50.4
Liberty	Maximum	66	76	69	65	60	63	71	79	79	70	76	81	84	81	89	79	75	82	85	90	74	71	91	94	90	88	86	76	78	63	..	77.6
	Minimum	28	36	37	43	47	43	41	43	46	52	49	45	50	53	58	52	54	56	52	59	48	50	54	58	52	60	57	52	42	44	....	48.7
Little Mountain	Maximum	61	73	65	77	79	59	69	78	80	70	60	80	85	82	85	82	74	80	85	91	80	82	86	93	91	88	86	84	77	67	....	78.3
	Minimum	31	37	45	46	45	44	45	47	55	54	54	55	64	58	57	53	46	59	60	64	48	53	59	63	66	64	60	53	47	45	....	52.6
Newberry	Maximum	64	72	70	71	60	60	71	81	81	70	74	84	87	84	87	84	78	86	88	94	80	71	91	96	93	92	89	84	71	67	....	79.3
	Minimum	30	35	38	46	54	48	48	42	49	56	53	47	51	56	59	54	58	63	61	65	52	54	58	60	67	65	61	53	49	39	....	52.4
Saluda	Maximum	64	71	69	70	67	67	71	81	81	73	74	83	87	84	88	86	82	87	89	95	89	71	89	96	93	93	91	86	72	68	....	80.6
	Minimum	28	31	35	42	53	48	48	39	45	57	52	44	50	54	61	50	57	61	62	65	51	53	56	58	64	62	59	62	50	43	....	51.3
Santuck	Maximum	64	71	68	69	61	61	70	81	80	72	74	84	87	84	88	80	73	86	87	93	79	72	90	95	93	91	89	83	70	66	....	78.7
	Minimum	26	31	31	37	51	46	47	37	40	55	46	42	45	50	50	50	56	60	59	57	49	54	50	55	60	60	58	51	49	36	....	47.9
Spartanburg	Maximum	65	69	66	65	55	61	70	74	69	70	74	82	84	84	89	77	73	83	86	90	61	75	90	94	93	91	88	82	66	67	....	76.4
	Minimum	30	41	37	40	49	44	45	41	47	52	55	48	48	54	56	52	54	57	59	60	48	50	53	60	63	59	60	61	49	40	....	50.4
Trenton	Maximum	66	73	75	72	66	61	74	84	85	72	71	86	89	83	82	87	84	89	91	97	84	74	91	97	95	95	93	85	77	72	....	81.7
	Minimum	32	39	44	49	54	48	47	49	52	52	51	52	56	54	60	56	58	63	61	62	52	54	61	65	66	65	82	66	50	44	....	54.8
Walhalla	Maximum	68	74	68	62	61	65	70	79	78	68	75	84	84	81	88	79	73	84	86	92	82	74	91	94	90	85	83	76	70	63	....	77.6
	Minimum	25	36	36	43	48	45	40	41	44	55	49	45	50	49	48	49	47	[e]46	55	58	52	51	52	59	60	56	54	58	50	38	....	48.0
Winnsboro§§	Maximum	64	71	....	....	....	....	71	80	83	70	73	84	86	..	87	83	76	87	89	92	64	73	91	96	94	93	89	....	....	....	....	[b]81.7
	Minimum	31	37	37	....	....	....	....	46	51	58	52	51	56	54	....	60	58	61	61	63	49	52	54	63	66	66	61	68	....	....	....	....	[g]54.1
Winthrop College	Maximum	65	69	69	67	62	57	72	82	81	74	73	83	87	84	88	84	86	82	86	90	89	76	91	96	93	91	90	80	67	65	...	79.3
	Minimum	30	34	36	42	48	44	44	45	45	55	50	50	53	60	57	55	56	56	60	58	46	54	57	63	65	61	59	50	48	40	....	50.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

WBO, Raleigh, 5-26-25—900

UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., JULY, 1925. No. 7.

GENERAL SUMMARY.

The mean temperature was close to the highest July averages of 1887 and 1893, and the average rainfall was the lowest of record for July by 0.07 inch.

Generous rains during the first week materially improved all crops. The succeeding period, however, was generally unfavorable in the Piedmont, where drought became intensified, and cotton, corn, and other crops showed conditions corresponding to rainfall. Cotton in the eastern, central, and southern counties maintained generally good condition and was fruiting and blooming freely, with comparatively light weevil damage, incident to active poisoning and scattered rains; the first open boll was observed in Newberry on the 21st and in Richland County on the 23d; the first bale was ginned at Allendale on the 30th, one week earlier than the ten year record and 16 days earlier than the 10-year normal. Early corn was practically a failure in the Piedmont, but elsewhere maintained generally good condition, as did later plantings; fodder pulling was in progress at the end of the month. Wheat and oat threshing showed fair to good results. A good to excellent tobacco crop was being cured at the close of the month. Forage crops showed good stands, except in the Piedmont, where drought prevailed. Fine peaches were being shipped at the end of the month, but apples were dropping and in fair condition only.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29.98 inches. The highest pressure was 30.20 inches at Due West on the 1st; the lowest pressure was 29.69 inches at Charlotte, N. C., on the 16th, and in the Section proper, 29.72 inches at Columbia on the 17th and at Greenville on the 16th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 81.5°, or 1.7° above the normal. The highest temperature was 106° at Calhoun Falls on the 3d. Temperatures were near or above normal from the 1st to the 17th and from the 25th to the 30th, and temperatures ranged 5° to 11° above normal on 18 dates. The lowest temperature was 56° at Caesar's Head on the 18th and at Santuck on the 19th. The cool period was from the 17th to the 24th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 79%; noon, 55%; 8 p. m., 68%. The highest percentages occurred along the coast, and the lowest, in the north-central counties.

PRECIPITATION.

The average for the Section, 59 stations reporting, was 3.19 inches, or 2.70 inches below the normal, and the lowest July average rainfall of record for 39 years. While there were but two days without rain in some part of the Section, the bulk of the month's rainfall occurred on the 4th in the western portion and from the 23d to the 26th in the eastern portion. Precipitation was very badly distributed in area and amounts, with 5 to nearly 14 inches in the east-central counties and the lower coastal plain, while on the upper coastal plain and practically the entire western portion, the measurements ranged downward from 5 inches to less than 1 inch in Pickens County and to less than one-half inch in southeastern Newberry County and northern Lexington County. The greatest local monthly amount was 13.95 inches at Pinopolis; least local monthly amount, 0.30 inch at Little Mountain. The greatest amount during any 24 hours was 6.03 inches at Pinopolis on the 24th. The average number of rainy days was 45% below normal.

Deaths by Lightning.—Earle Sanders, Anderson, 4:30 p. m., 1st. Elliott Brooks, negro, near Newberry, in Bletheden section, afternoon, 1st. Davis Montgomery, negro boy, Ridgewood Club, Columbia, 5:30 p. m., 4th. Arthur J. Phillips, Greenville, afternoon, 5th. Dick Wilson and Wellon Thompson, urchins, Abbeville, afternoon, 6th. Louis Hinson, white boy, and Ben Ballard, his wife, and two daughters, negroes, at Tindal, south of Sumter, killed during a severe thunder and hailstorm, afternoon, 27th.

Damage by Lightning and Hail.—Darlington, 6th, sash and blind factory fired and destroyed; damage unknown. Greenville, 4th, small area of crops damaged by hail 10 miles east. Sumter, 26th, wind and hail damage during severe thunderstorm approximated $7,000. At Tindal, 7 miles south of Sumter, a mule was killed by lightning, 27th. Walhalla, 25th, horse valued at $50 was killed by lightning. Two tobacco barns near Mullins were fired by lightning and destroyed, with contents, on 23d and 27th; loss estimated at $2,000.

WIND.

The prevailing wind was from the south. The average hourly velocity, determined from 9 anemometer records, was 7.0 miles. The highest average velocity was 10.3 miles per hour at Savannah, Ga., and in the Section proper, 10.0 miles per hour at Charleston; the lowest average velocity was 3.9 miles per hour at Charlotte, N. C., and in the Section proper, 6.0 miles per hour at Columbia. The highest velocity for any 5-minute period was 50 miles per hour from the northeast at Savannah, Ga., on the 13th, and in the Section proper, 46 miles per hour from the southwest at Due West on the 6th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 300.4 hours, or 68% of the possible amount. The average number of clear days was 15; partly cloudy, 11, and cloudy, 5, as against normals of 12, 12, and 7 days, respectively.

MISCELLANEOUS DATA FOR JULY, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	29.97	74.5	92	52	0.77	0.26	6.6	nw.	83	49	59	58
Augusta, Ga.....	29.98	83.6	101	68	2.93	1.20	5.2	s.	76	58	68	73
Charleston, S. C...	29.99	82.8	98	72	2.38	0.73	10.0	sw.	80	70	82	70
Charlotte, N. C ...	29 97	81.4	99	63	0.62	0.32	3.9	sw.	71	46	56	65
Columbia, S. C....	29.98	82.8	99	65	3.50	1.48	6.0	s.	80	52	66	70
Due West, S. C....	30.00	81.8	99	64	1.79	1.21	7.0	sw.	77	47	....	67
Greenville, S. C...	29.96	80.6	98	66	2.38	0.77	6.4	e.	74	52	57	75
Savannah, Ga.....	29.99	83.0	98	69	3.96	1.22	10.3	sw.	83	60	79	64
Wilmington, N. C.	29.99	80.7	97	67	4.25	1.19	7.2	sw.	83	60	78	73
Means and extremes	29.98	81.2	101	52	2.51	1.48	7.0	sw	79	55	68	68

Climatological Data for July, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	41	84.0	+2.5	104	13	63	19	33	1.25	−4.28	0.70	0	4	25	4	2	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	82.8	+1.4	98	27	72	31	24	2.58	−4.88	0.73	0	10	3	17	11	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	43	81.8	+1.9	101	13	60	19	33	3.13	−3.01	1.48	0	7	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	35	81.8	+2.0	98	28	63	†19	31	2.71	−4.10	1.98	0	6	16	5	10	sw.	Paul Quattlebaum.
Darlington	Darlington	175	30	[a]81.1	+1.2	[a]100	12	60	19	[a]30	4.26	−1.30	1.67	0	9	11	12	8	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	.....	4.29	−1.47	2.20	0	7	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	39	81.2	+1.8	98	12	60	20	28	3.59	−3.05	1.75	0	9	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	43	83.1	+1.9	102	13	62	18	33	3.71	−2.14	1.91	0	10	21	5	5	sw.	H. K. Gilbert.
Florence 2	....do	136	10	.....	.....	.....	.....	.....	.....	.....	2.18	−3.67	1.02	0	8	18	8	5	s.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	[i]82.2	.....	101	† 3	[i]68	18	[i]32	5.62	.....	1.94	0	17	.....	.....	.....	.....	Maner B. Robert.
Georgetown	Georgetown	18	32	81.2	+0.7	101	5	62	20	29	2.64	−4.76	1.00	0	5	19	8	4	sw.	A. P. Hazard.
Kingstree	Williamsburg	54	43	81.2	+0.6	98	27	62	19	29	6.00	−0.52	1.55	0	10	15	1	15	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	1.55	.....	0.80	0	3	.....	.....	.....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	82.6	.....	100	12	59	19	32	3.27	.....	2.30	0	6	18	13	0	sw.	U.S. Fisheries Station.
Paris Island	Beaufort	13	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pinopolis	Berkeley	54	78	78.8	+0.8	91	28	68	20	.....	13.95	+7.33	6.03	0	11	14	11	6	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	3.48	−4.90	2.15	0	5	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	82.4	+1.6	98	† 3	67	19	26	6.34	−0.17	1.80	0	12	2	27	2	.....	R. L. Utsey.
Society Hill	Darlington	192	34	82.9	+3.5	104	12	59	18	37	2.69	−3.74	2.00	0	4	26	5	0	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	82.4	+2.7	101	28	61	19	30	4.72	−1.94	1.10	0	11	8	22	1	sw.	D. P. Dehon.
Wedgefield	Sumter	249	35	81.4	+2.2	98	3	63	18	30	4.68	−0.34	2.25	0	7	26	0	5	w.	W Hampton Ramsey.
Yemassee	Hampton	24	36	81.6	+0.8	99	12	62	19	29	8.31	+1.45	2.40	0	12	14	2	15	se.	W. C. Hutson.
Division means and	extremes	.....	.....	81.9	+1.5	104	†12	59	†18	37	4.32	−2.00	6.03	0	8	15	10	6	sw.	
Western Portion.																				
Aiken	Aiken	527	63	82.9	+2.8	101	13	65	19	29	1.54	−3.30	1.15	0	3	11	19	1	sw.	Frank B. McCoy.
Anderson	Anderson	764	32	81.8	+2.2	98	26	65	†18	29	5.29	+0.25	2.05	0	5	24	1	6	w.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	1.98	−3.36	0.84	0	4	.....	.....	.....	.....	Esther B. Owens.
Cæsars Head††	Greenville	3118	1	[a]73.2	.....	[a]89	†14	56	18	[a]32	3.21	.....	1 42	0	4	8	20	3	n.	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	83.2	.....	106	3	66	† 5	40	2.03	−2.49	1.33	0	4	17	6	8	w.	L. M. Parker.
Camden	Kershaw	222	75	82.2	+2.2	98	3	64	19	31	5.67	+0.44	1.63	0	11	28	0	3	s.	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	.....	2.81	−3.67	1.43	0	5	...	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	1.88	−3.43	1.60	0	5	.....	...	.....	.....	George V. Clamp.
Chester	Chester	487	3	81.4	.....	100	† 2	62	17	32	1.35	.....	0.65	0	3	19	10	2	ne.	J. C. Cornwell.
Clemson College	Oconee	850	33	[a]80.0	+2.3	[a]102	3	[a]60	†18	[a]36	2.41	−2.86	0.90	0	5	23	0	8	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	82.8	+1.9	99	3	65	19	25	3.50	−2.56	1.48	0	10	3	24	4	s.	U. S. Weather Bureau.
Due West	Abbeville	711	11	81.8	+2.7	99	3	64	19	29	1.79	−3.02	0.83	0	11	5	25	1	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	.....	.....	.....	4.90	−0.50	1.90	0	6	.....	.....	.....	.....	D. W. Sharpe.
Gaston Shoals ‡‡	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	2.94	−1.76	1.57	0	8	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	80.6	+3.7	98	3	66	18	26	2.38	−3.19	0.77	0	8	6	21	4	e.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	81.2	+1.6	99	4	62	19	27	1.23	−4.04	0.51	0	5	24	1	6	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	80.8	+1.4	96	12	63	19	31	2.08	−2.81	0.60	0	6	9	11	11	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	9	82.0	.....	100	† 4	61	19	33	2.51	.....	1.22	0	10	23	0	8	e.	John W. Hamel.
Landrum	Spartanburg	1063	10	81.6	+5.0	100	3	60	†18	33	1.66	−6.45	1.23	0	4	24	6	1	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	82.6	.....	102	†16	59	19	35	1.28	.....	0.84	0	3	11	18	2	s.	L. G. Roff.
Liberty	Pickens	900	25	80.3	+1.3	100	† 2	58	18	38	0.97	−4.79	0.40	0	3	21	6	4	s.	O. F. Boggs.
Little Mountain	Newberry	711	32	81.4	+1.1	99	†12	64	20	30	0.30	−4.58	0.30	0	1	17	9	5	s.	Miss Alberta Sease.
Newberry	Newberry	502	21	83.8	+3.1	103	13	62	19	33	1.51	−3.64	0.76	0	7	16	11	4	w.	John H. Baxter.
Pelzer	Anderson	860	21	.....	.....	.....	.....	.....	.....	.....	1.28	−4.71	0.84	0	5	...	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	83.0	+3.0	103	28	57	19	35	1.86	−3.23	1.68	0	4	10	20	1	s.	W. S. Crout.
Santuck	Union	512	32	82.2	+2.6	102	2	56	19	39	1.27	−3.84	0.78	0	6	19	12	0	s.	E. W. Jeter.
Spartanburg	Spartanburg	875	48	80.0	+0.9	100	† 2	62	†18	32	1.64	−3.05	0.38	0	9	.....	.....	.....	.....	F. P. Robinson.
Trenton	Edgefield	620	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	78.2	+1.2	103	3	58	18	38	3.71	−2.71	1.04	0	9	20	11	0	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	31	[a]81.6	+2.0	[a]101	16	61	18	[a]30	5.42	−0.51	2.72	0	7	4	24	3	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	25	81.6	+2.5	100	13	62	18	32	1.61	−3.95	0.53	0	5	8	23	0	s.	W. T. Clawson.
Division means and	extremes	.....	.....	81.3	+2.0	106	3	56	†18	40	2.40	−2.95	2.28	0	6	15	12	4	s.	
Section means and	extremes	.....	.....	81.5	+1.7	106	3	56	†18	40	3.19	−2.70	6.03	0	6	15	11	5	s	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

JUNE, 1922.—Catawba, total precipitation, pages 22 and 23, should be 3.25.

Daily Precipitation for July, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville |||	Edisto							.70				.25			.05										.25								1.25
Charleston ***	Coast							.73		.01		.28	.05		.11							T.	.15		T.	.52	.02			.04	T.		.47	2.38
Cheraw |||	Pee Dee	.18						.91						T.	1.48		.06							.18				.21				.11	3.13
Conway |||	Waccamaw														.42		.11		.06				T.	.02	.12	1.98		T.					2.71
Darlington |||	Pee Dee	.25	1.21				.04	1.67					.45	.06	.40				T.						.15	.03							4.26
Effingham |||	Lynches		.07				T.					.11	.37	.67		2.20								.81		.06						4.29
Ferguson |||	Santee						.06				.06				1.75		.03						.36	.03		.60	.43					.27	3.59
Florence 1 |||	Pee Dee	.12	.05				.06					.02	.06	.54		1.91							.20		.05			.70					3.71
Florence 2 |||	do		T.				.30				.12		.11	.28		1.02						.07		.13			.15					2.18
Garnett	Savannah				.72	1.94	.12	.02		.90	.11				.28	.03			.17		.11	T.	.02	.02	1.12	.02			.01	.02		.01	5.62
Georgetown	Coast						.23				T.	.29			.17										.95	1.00		T.					2.64
Kingstree |||	Black						.30	.60				T	.20	T.	1.55	T.	.45		.90				.10			1.10	.10		.70				6.00
Mars Bluff	Pee Dee														.45											.30		.80					1.55
Orangeburg	Edisto			.12				.02			T.			.34										.04		2.30	.45						3.27
Paris Island	Coast																																
Pinopolis	Cooper					.60	.30		.20			2.50	.42	.12	1.50	1.22	.16							6.03	.90								13.95
Rimini |||	Santee							2.15					.15											.10		.62	.46						3.48
St. George	Edisto						.05	.02			.07		1.80	.05		1.25							.40	.30		.15	1.80	.30				.15	6.34
Society Hill |||	Pee Dee						.05						.10	2.00													.54					2.69
Summerville	Ashley						1.10		.10			.55	.11		.22	.81						.40	.12		.66	.15						.50	4.72
Wedgefield	Wateree							2.25		T.		.42	.20											1.00	.10	.15	.56			T.			4.68
Yemassee |||	Ashepoo					.18	2.40				.13					1.90			.25				.31	.60	.06	.06	2.22			.01		.19	8.31
Western Portion.																																	
Aiken	Edisto							.47	.68							.39																	1.54
Anderson	Savannah	1.13			1.79				2.05							.08	.24																5.29
Blairs |||	Broad					.71																.01			.42	.84		T.					1.98
Cesar's Head	Saluda							.90	1.42					.51									.38										3.21
Calhoun Falls |||	Savannah	.20				1.33		.10																			.40						2.03
Camden |||	Wateree	.22	.48			1.32							.40	.40	.05									.15	.22	1.63	.55	.25					5.67
Catawba |||	Catawba					1.43		.30						.37	.16													.55					2.81
Chappells |||	Saluda					1.60				.02				.17	.05											.04							1.88
Chester	Broad				.65	.10																T.				.60							1.35
Clemson College	Savannah					.25	.15	.80		.90													.31										2.41
Columbia ***	Congaree	.01			1.48		T.	.01	T.				.01	.34			.01					T.	T.	.37	.88	.31	.08	T.					3.50
Due West***	Savannah	.08			.25	.39	.83	.03			T.			.02		.62					.04		.01			.01	.11					T.	1.79
Edgefield |||	Savannah				.95		.30					.10		.70													1.90	.95					4.90
Gaston Shoals |||	Broad					.13		1.57						.36	.05	.09									.61		.03	.10						2.94
Greenville ***	Saluda				.55	T.	T.	.71	.01			T.	.77	T.		.02	.04				.22	T.	T			.06						T.	2.38
Greenwood |||	do	.14				.30		.51																			.28						1.23
Heath Springs	Wateree				.44		.07						.60	.20											.59		.18						2.08
Kershaw |||	Lynches	.32				1.22		.11					.03	.14	.23										.06	.11	.23	.06					2.51
Laurinm	Broad					.13	.06																1.23		.24								1.66
Laurens	Saluda				.42		.02														.84												1.28
Liberty	Savannah				.40	T.	.20		T.					.37		T.							T.								T.	0.97
Little Mountain	Saluda				.30																												0.30
Newberry	Saluda				.05	.01								.02							.05		.01	.61			.76						1.51
Pelzer |||	do					.24		T.	.14		.04										.02			.84								1.28
Saluda	do				1.68	.01	T.	.07									T.				T.			10		T.	T.						1.86
Santuck	Broad				.78		.09					.16		.13							T.		T.		T.		.04	.07					1.27
Spartanburg |||	do					.23		.15				T.	T.	.35	.18			.38			.22	T.		.07			.03	.03					1.64
Trenton	Edisto																																
Walhalla	Savannah				.68	.05		.69	.31	.61				.14									1.04			.12						.07	3.71
Winnsboro |||	Broad	.55	2.72			.41		.15																	1.12	.12		.35					5.42
Winthrop College	Catawba				.45	.10																		.53		.25	.28						1.61

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JULY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	82.0	110	60	7.49	14				
1888	78.9	108	53	3.68	8				sw.
1889	79.5	102	51	7.13	13				sw.
1890	78.4	104	52	6.88	12				sw.
1891	77.9	93	56	5.95					sw.
1892	78.9	102	51	7.44					sw.
1893	82.0	104	60	3.87	9	13	14	4	sw.
1894	77.7	100	55	8.24	16	8	12	11	sw.
1895	79.5	102	54	4.17	8	10	15	6	sw.
1896	80.7	105	51	8.17	13	10	13	8	sw.
1897	80.2	107	54	5.01	11	13	12	6	sw.
1898	80.0	102	54	7.81	14	10	10	11	sw.
1899	80.0	105	47	4.03	9	12	11	8	sw.
1900	81.2	104	55	4.08	9	14	11	6	sw.
1901	81.4	102	62	4.52	10	12	12	7	sw.
1902	80.8	107	58	3.79	9	15	11	5	sw.
1903	80.4	103	45	3.59	8	18	9	4	sw.
1904	79.4	105	50	5.96	12	13	12	6	sw.
1905	80.4	101	60	6.16	12	13	10	8	sw.
1906	78.4	100	56	8.40	16	5	17	9	sw.
1907	81.4	106	56	5.06	11	13	13	5	sw.
1908	79.8	100	60	5.43	12	12	13	6	s.
1909	78.6	104	55	4.92	10	13	12	6	sw.
1910	79.4	102	58	5.83	13	9	15	7	sw.
1911	79.8	102	53	3.79	10	12	13	6	sw.
1912	79.6	102	58	5.22	11	14	10	7	sw.
1913	81.9	109	56	4.78	9	15	9	7	sw.
1914	80.0	107	53	5.16	9	14	13	4	sw.
1915	80.9	106	55	3.26	8	18	10	3	sw.
1916	77.8	99	60	14.69	17	5	12	14	sw.
1917	79.9	102	52	6.56	12	14	9	8	sw.
1918	77.5	103	50	5.02	11	15	9	7	sw.
1919	79.3	103	51	8.86	13	13	8	10	s.
1920	78.9	102	53	5.60	11	13	10	8	sw.
1921	79.6	101	60	7.44	14	9	13	9	e.
1922	79.9	101	58	7.20	13	12	13	6	sw.
1923	79.0	104	57	4.50	9	15	8	8	sw.
1924	78.6	103	56	6.93	12	14	9	8	w.
1925	81.5	106	56	3.19	6	15	11	5	s.
Period	79.8	110	45	5.89	11	12	12	7	sw.

Daily Temperatures for July, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	91	97	98	99	100	98	88	94	88	95	99	100	104	94	95	98	98	95	96	94	96	91	94	96	99	98	99	100	95	96	94	96.1
	Minimum	72	72	71	74	70	73	72	72	70	72	75	75	74	71	74	73	75	68	63	65	67	73	72	73	71	76	75	74	75	72	74	72.0
Charleston	Maximum	85	90	93	89	91	90	86	88	86	88	94	88	87	86	84	87	97	89	85	84	84	87	89	85	88	93	98	97	87	84	96	88.9
	Minimum	74	76	78	80	79	79	74	76	79	79	75	76	78	73	76	76	79	74	74	75	76	79	79	75	76	79	80	76	76	77	72	76.6
Cheraw§§	Maximum	89	96	93	95	98	97	93	95	95	96	93	97	101	88	88	96	96	90	89	90	91	91	92	89	95	99	97	96	91	91	96	93.6
	Minimum	69	70	69	74	69	72	69	71	70	72	74	73	70	68	71	69	75	65	60	65	65	72	74	72	71	72	71	70	72	65	73	70.1
Conway	Maximum	88	94	97	91	95	95	92	92	92	93	94	96	97	88	85	94	97	91	89	90	89	96	89	83	88	96	94	98	88	86	96	92.0
	Minimum	70	71	75	74	75	74	75	71	69	72	74	72	73	69	71	71	76	66	63	63	66	75	76	71	71	75	76	73	74	64	70	71.5
Darlington§§	Maximum	88	92	96	95	95	94	90	91	93	94	98	100	96	87	86	....	95	87	90	87	93	93	91	86	92	96	95	99	86	91	96	[a]92.4
	Minimum	69	70	74	73	69	71	69	70	69	71	73	72	70	68	71	69	....	65	60	62	65	72	75	72	71	72	72	69	72	64	75	[a]69.8
Ferguson§§	Maximum	90	94	95	95	94	94	91	94	94	94	96	98	97	91	86	92	93	90	88	88	86	92	88	89	91	95	95	96	89	90	93	92.2
	Minimum	69	72	74	73	70	79	71	68	67	68	72	72	73	69	70	71	72	66	63	60	66	71	73	74	69	71	72	69	72	70	73	70.3
Florence 1	Maximum	90	97	98	98	100	98	97	96	97	99	99	99	102	90	85	96	90	95	92	92	93	94	90	87	94	98	95	99	88	98	95	94.9
	Minimum	72	73	72	71	70	72	72	71	70	73	74	74	72	68	72	71	77	62	67	65	67	73	76	75	72	73	72	71	75	65	73	71.3
Garnett	Maximum	94	97	101	96	97	95	88	93	88	94	97	99	100	97	93	92	96	92	94	91	92	96	90	96	95	98	99	101	97	97	99	92.1
	Minimum	69	72	72	69	70	72	72	70	70	71	72	74	75	78	73	72	77	68	....	....	....	....	....	....	....	....	....	76	74	75	72	[b]72.4
Georgetown	Maximum	91	93	98	98	101	95	96	91	93	90	92	90	92	88	85	90	95	92	88	90	89	91	88	93	88	94	92	92	89	89	85	91.5
	Minimum	71	71	71	72	73	75	75	71	71	72	68	68	68	68	74	73	75	66	63	62	71	71	72	70	70	73	74	71	73	68	75	70.8
Kingstree	Maximum	89	93	96	92	94	93	91	90	92	92	91	96	96	90	86	92	93	87	88	91	86	92	87	85	90	93	98	96	90	87	94	91.3
	Minimum	70	71	75	75	70	72	73	71	70	72	73	72	71	68	70	72	76	66	62	64	67	73	76	71	70	73	75	70	74	68	75	71.1
Orangeburg 1	Maximum	87	96	96	95	94	95	90	93	91	95	97	100	97	94	90	97	97	95	91	92	91	95	92	96	93	95	96	98	93	91	93	94.0
	Minimum	71	72	74	74	71	72	72	71	67	70	74	73	74	70	73	72	78	67	59	62	65	71	71	71	72	72	76	72	75	70	74	71.1
Paris Island§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. George	Maximum	91	94	98	95	95	94	90	92	88	94	97	95	96	91	91	91	92	93	93	92	92	92	88	90	90	96	96	98	91	91	96	93.0
	Minimum	69	71	73	75	77	72	70	70	70	73	73	70	70	70	70	71	76	76	67	68	70	69	72	75	73	73	76	73	73	71	73	71.8
Society Hill§§	Maximum	97	95	98	98	100	98	96	100	98	100	102	104	91	93	96	98	91	94	92	95	96	95	100	98	100	97	101	89	97	98	97	96.9
	Minimum	72	73	72	69	71	68	70	68	72	73	72	70	67	68	68	75	65	59	62	62	64	72	71	70	71	70	69	72	63	69	68	68.9
Summerville	Maximum	92	94	98	95	99	95	90	92	92	92	98	96	95	91	91	92	95	91	91	92	87	94	92	90	93	96	99	101	93	94	98	93.8
	Minimum	69	68	74	75	71	73	73	70	70	71	72	71	74	70	72	72	75	68	61	63	67	73	73	71	71	73	72	71	72	70	73	70.9
Wedgefield	Maximum	87	92	98	96	93	95	89	90	94	93	96	95	94	89	88	95	88	93	89	89	92	93	95	97	90	89	94	90	90	92	90	92.1
	Minimum	72	73	73	74	72	73	70	70	70	73	73	73	73	69	72	71	68	63	65	66	72	71	70	70	71	74	69	73	68	72	70	70.7
Yemassee	Maximum	93	94	98	94	96	93	88	91	88	92	95	99	97	94	91	93	93	91	91	91	90	93	89	91	92	95	97	98	94	92	95	93.2
	Minimum	67	67	71	71	68	69	70	69	68	69	72	72	73	72	69	71	75	65	62	65	66	70	69	71	71	72	76	75	72	72	72	70.0
Western Portion.																																	
Aiken	Maximum	94	97	100	97	93	95	91	85	90	90	96	98	101	98	91	94	94	91	90	87	90	89	91	93	90	93	98	92	95	95	93	93.3
	Minimum	73	74	75	72	70	73	69	72	71	73	74	76	72	72	73	71	79	70	65	72	70	73	74	72	69	70	75	73	75	75	74	72.5
Anderson	Maximum	93	95	99	97	89	90	84	85	88	90	94	95	96	91	91	95	94	88	90	88	92	88	91	95	97	98	98	93	92	93	88	92.2
	Minimum	69	70	76	70	70	72	70	67	70	72	74	74	73	71	73	70	74	65	65	70	68	74	71	71	70	72	77	75	73	70	73	71.3
Caesar's Head	Maximum	77	86	88	84	83	80	79	77	79	83	86	84	89	81	78	88	84	77	78	78	81	81	79	84	86	89	89	84	82	80	....	[a]82.5
	Minimum	62	63	68	66	65	66	63	63	65	65	63	70	69	63	65	65	64	56	58	60	62	63	65	64	64	65	69	68	58	59	61	63.8
Calhoun Falls§§	Maximum	97	102	106	99	95	93	88	88	94	93	100	102	105	99	98	99	98	98	97	97	97	96	96	99	102	101	100	99	96	99	96	97.7
	Minimum	67	68	69	71	66	69	68	66	66	68	69	72	70	70	70	66	71	70	69	70	68	70	70	68	68	70	71	70	72	66	67	68.9
Camden§§	Maximum	95	96	98	96	93	91	92	92	93	94	96	96	96	96	95	96	94	95	92	95	96	91	94	94	93	93	92	86	92	96	97	94.2
	Minimum	71	70	73	70	71	73	71	71	69	70	72	74	71	69	72	72	71	70	64	65	65	66	72	73	71	72	72	71	70	70	68	70.3
Chester	Maximum	93	100	99	98	96	99	98	96	95	94	98	100	93	98	99	92	92	94	94	93	96	97	96	94	92	97	98	97	99	98	98	97.0
	Minimum	68	72	74	72	70	70	74	74	74	69	70	70	70	70	70	75	62	66	68	69	68	70	69	67	66	70	71	70	72	70	70	70.0
Clemson College	Maximum	94	98	102	98	94	94	90	92	89	91	95	96	96	93	...	98	99	89	90	87	90	91	90	92	93	97	96	90	90	90	87	[a]92.9
	Minimum	67	66	72	73	68	68	70	71	70	72	69	70	70	71	....	72	72	60	60	62	60	61	64	68	73	60	63	62	60	....	[a]67.0
Columbia	Maximum	92	98	99	96	95	93	88	89	91	93	98	98	96	90	89	96	99	90	90	85	91	92	90	89	92	96	97	98	90	91	94	93.1
	Minimum	74	74	75	72	72	73	72	74	72	73	75	74	74	70	73	72	79	69	65	69	68	73	72	73	73	72	75	73	75	70	75	72.6
Due West	Maximum	91	98	99	96	92	91	85	86	90	90	96	95	98	92	93	98	95	87	89	86	92	86	92	95	97	98	98	96	93	95	91	92.9
	Minimum	70	70	73	72	70	66	70	70	68	72	72	73	71	71	72	69	74	66	64	68	67	74	72	72	72	72	73	71	73	70	71	70.6
Greenville	Maximum	89	96	98	95	90	90	84	85	88	90	94	92	93	89	87	95	91	86	87	84	89	87	89	90	94	96	95	89	90	90	86	90.3
	Minimum	71	70	77	69	69	72	68	69	70	73	74	68	73	72	73	70	74	66	66	69	70	72	69	71	71	71	74	73	70	71	73	70.9
Greenwood	Maximum	91	89	97	99	95	87	91	84	85	90	91	95	95	96	90	94	94	95	86	89	85	92	85	88	94	94	91	96	94	89	94	91.5
	Minimum	69	70	72	74	72	70	71	70	69	71	73	72	71	71	70	75	75	65	62	70	68	72	71	72	72	73	74	74	72	69	72	71.0
Heath Springs	Maximum	93	91	92	95	93	91	90	88	90	91	95	96	94	95	93	94	95	94	92	90	90	89	90	88	89	92	93	92	93	91	92	92.0
	Minimum	68	71	73	71	69	71	71	71	69	72	73	72	70	68	69	68	76	65	63	65	63	71	70	69	69	72	72	72	71	70	65	69.6
Kershaw	Maximum	89	97	97	100	90	93	93	90	94	94	95	95	100	87	91	97	95	89	93	95	93	93	91	90	94	95	96	96	93	94	96	93.7
	Minimum	70	72	74	72	70	72	71	72	70	73	74	72	69	69	71	69	76	66	61	65	64	71	71	70	70	71	73	71	73	66	75	70.4
Landrum	Maximum	96	97	100	96	96	96	92	91	93	95	98	98	98	95	99	97	93	89	91	89	94	92	91	92	98	95	96	93	89	89	90	94.1
	Minimum	69	68	72	74	66	68	69	70	70	72	76	74	72	68	69	71	73	60	60	69	64	69	67	65	68	69	76	72	67	68	69	69.2
Laurens	Maximum	95	100	101	101	94	94	90	92	95	96	101	101	101	93	94	102	99	91	94	86	92	89	93	94	98	99	102	95	92	95	92	95.5
	Minimum	68	68	72	70	71	71	70	70	67	70	72	71	69	71	70	69	74	71	59	63	63	72	71	70	72	71	72	70	71	68	74	69.7
Liberty	Maximum	89	100	100	95	90	98	85	87	90	91	97	98	97	90	90	99	95	89	89	89	91	90	95	96	98	99	99	90	92	92	98	93.5
	Minimum	67	66	73	65	66	68	66	68	67	70	68	70	69	67	69	65	61	58	61	67	68	69	65	68	67	74	67	67	68	68	67.1
Little Mountain	Maximum	91	97	97	97	88	91	87	88	92	93	96	99	99	91	94	99	98	95	90	88	92	91	91	89	91	93	99	92	89	94	92	93.0
	Minimum	68	70	73	69	68	71	67	69	68	70	72	72	70	69	68	70	74	70	68	64	65	69	68	70	68	70	72	78	72	69	74	69.8
Newberry	Maximum	94	101	102	101	95	93	91	91	96	95	99	100	103	95	95	101	99	92	94	88	96	91	97	93	96	98	99	97	93	97	95	96.0
	Minimum	70	74	74	74	71	73	71	73	69	71	73	74	70	72	72	71	77	68	62	70	65	73	72	74	72	70	75	71	72	70	75	71.5
Saluda	Maximum	95	100	102	100	93	90	87	88	93	94	98	99	101	97	95	101	100	92	92	87	96	94	96	95	96	100	101	103	94	98	95	95.9
	Minimum	69	75	74	67	71	73	69	71	67	69	73	72	70	69	70	69	76	69	57	64	61	73	72	73	69	71	73	70	74	72	74	70.2
Santuck	Maximum	95	102	101	101	92	94	90	91	95	96	98	98	101	93	92	101	99	90	95	90	90	93	95	92	98	100	99	98	92	94	94	95.5
	Minimum	65	67	70	70	70	70	71	71	67	69	72	70	69	69	69	68	72	66	56	66	62	74	69	69	73	70	72	67	69	67	73	68.8
Spartanburg	Maximum	98	100	99	99	94	97	90	92	94	97	99	97	97	93	93	97	94	90	92	88	94	90	93	92	99	100	98	96	91	92	82	91.2
	Minimum	69	69	73	72	68	71	69	70	69	71	73	73	70	69	70	68	70	62	62	69	65	70	62	68	70	70	74	69	68	68	68	69.0
Trenton	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Walhalla	Maximum	91	99	103	91	90	91	85	87	87	95	95	96	97	91	90	99	95	88	90	89	91	93	90	93	96	99	98	93	92	92	89	92.7
	Minimum	65	65	72	68	64	64	68	68	69	69	68	68	68	66	71	65	68	58	65	65	68	69	65	67	69	67	71	69	64	66	63	66.8
Winnsboro§§	Maximum	89	96	97	98	92	95	89	90	93	94	92	98	99	92	94	101	96	...	91	85	90	91	91	93	94	100	91	95	85	90	96	[a]93.2
	Minimum	67	70	72	73	70	72	70	70	69	71	73	72	71	69	71	70	76	66	61	66	65	71	71	70	71	71	74	71	71	68	72	70.1
Winthrop College	Maximum	91	89	98	95	92	93	94	93	94	95	99	99	100	92	93	99	95	93	88	93	85	93	91	95	99	99	96	91	92	93	91	93.9
	Minimum	69	70	72	69	69	71	70	70	69	71	71	69	68	68	70	68	64	62	68	67	65	69	69	70	71	73	70	72	68	74	68	69.2

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O. Raleigh, 8-26-25—900

UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., AUGUST, 1925. No. 8.

GENERAL SUMMARY.

Unprecedented drought characterized the month. Up-State streams were the lowest of record in most sections, materially curtailing hydro-electric power; stock water became scarce, and many deep wells have failed. While the Section mean temperature was only fairly high, many previous maximum temperature records were broken.

Progressive deterioration marked the crop situation, incident to the highest day temperatures generally in 25 years and decided lack of rainfall when most needed. The cotton crop was practically made by the close of the month, with considerable shedding and much premature opening; in fact, opening and ginning were about two weeks earlier than normal. Early corn was practically a failure in the northwestern counties, and late corn a general failure, except in some bottom lands and along the coast. Curing a good tobacco crop was finished about the 25th. Sweet potatoes and other ground crops held their own very well, but the drought cut short all forage, gardens and truck, and vegetables were being imported at the close of the month. Peaches and melons were plentiful in season, and pears and apples were on market as the month closed.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 06 inches. The highest pressure was 30.41 inches at Charlotte, N. C., on the 24th, and in the Section proper, 30.38 inches at Due West and Greenville on the same date; the lowest pressure was 29.73 inches at Charleston on the 21st.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 80.2°, or 1.3° above the 39-year normal. The highest temperature was 109° at Trenton on the 13th and 20th, at Society Hill on the 19th, and at Blackville and Calhoun Falls on the 20th. This equaled or exceeded previous heat records at numerous stations, both for August and for other months, and was within one degree of the Section record in 1887. The lowest temperature was 53° at Heath Springs on the 23d. The heat wave extended practically from the 8th to the 21st, and the relatively cool periods were from the 1st to the 4th and from the 22d to the 29th, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 78%; noon, 50%; 8 p. m., 73%. The highest percentages occurred along the coast, and the lowest, considerably lower than usual, occurred over the northwestern counties.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 1.48 inches, or 4.40 inches below the 39-year normal, and the lowest August average rainfall of record by 0.65 inch. Concentrated showers were confined mainly to the first half of the month, centering principally from the 3d to the 6th in the western portion. The amounts in small areas of the coastal plain and north-central counties ranged from 2 to over 3 inches, while in extensive areas of the central and northwestern counties the total monthly measurements were less than 1 inch. The greatest local monthly amount was 3.31 inches at Santuck; least local monthly amount, 0.28 inch at Society Hill. The greatest 24-hour rainfall was 1.98 inches at Landrum on the 4th. The average number of rainy days was 64% below normal, and the lowest August average of record.

Near Walhalla, at Stump House Mountain, two barns were blown down by wind squalls on the 26th, and a mule and cow were killed; loss, probably $700.

WIND.

The prevailing direction was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.2 miles. The highest average was 11.6 miles per hour at Charleston; the lowest average was 4.0 miles per hour at Charlotte, N. C., and in the Section proper, 5.7 miles per hour at Greenville. The highest velocity for any 5-minute period was 78 miles per hour from the northwest at Savannah, Ga., on the 21st, and in the Section proper, 44 miles per hour from the west at Greenville on the 20th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 305.4 hours, or 73% of the possible amount. The average number of clear days was 21; partly cloudy, 7, and cloudy, 3, as against normals of 13, 11, and 7 days, respectively.

RIVER CONDITIONS.

On account of unprecedented drought, most of the rivers of the Section reached the lowest stages of record toward the close of the month. The Congaree River at Columbia averaged below zero of the gage for the third successive month.

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MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 29, 30; Due West, 23; Laurens, 1. *Solar:* Due West, 3, 11, 23; Santuck, 14.

MISCELLANEOUS DATA FOR AUGUST, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.08	72.0	96	50	0.22	0.09	6.0	se.	80	44	55	63
Augusta, Ga.....	30.05	82.0	105	62	0.49	0.29	5.5	ne.	72	50	52	77
Charleston, S. C...	30.05	81.2	102	66	1.62	0.75	11.6	ne.	73	61	79	72
Charlotte, N. C ...	30.07	78.2	103	56	3.34	2.58	4.0	ne.	73	49	53	75
Columbia, S. C....	30.07	80.8	104	60	0.94	0.47	6.7	ne.	74	46	53	83
Due West, S. C....	30.10	79.5	105	58	0.97	0.66	7.6	ne.	70	40	....	78
Greenville, S. C...	30.05	78.7	101	59	0.78	0.72	5.7	e.	71	44	49	79
Savannah, Ga.....	30.05	80.4	102	66	7.09	3.08	10.6	ne.	84	60	78	63
Wilmington, N. C.	30.06	78.2	101	62	4.65	1.47	6.9	sw.	82	58	77	71
Means and extremes	30.06	79.0	105	50	2.34	3.08	7.2	ne.	78	50	62	73

Climatological Data for August, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	41	82.0	+1.5	109	20	60	23	40	0.75	−4.92	0.75	0	1	26	3	2	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	81.2	+0.2	102	14	66	23	27	1.62	−5.35	0.75	0	5	12	8	11	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	43	79.8	+1.2	105	20	57	23	39	0.97	−5.63	0.36	0	3	....	....	....	....	Roland D. Powe.
Conway	Horry	25	35	79.8	+0.6	103	14	59	31	34	2.24	−4.98	1.47	0	5	20	5	6	sw.	Paul Quattlebaum.
Darlington	Darlington	175	30	80.8	+1.9	[a]104	14	[a]57	†27	[a]36	0.92	−4.41	0.60	0	4	26	4	1	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	.....	2.47	−3.63	1.76	0	3	...	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	39	80.6	+2.2	103	14	57	30	33	0.99	−5.85	0.38	0	3	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	43	81.6	+1.4	104	†14	58	23	37	1.56	−3.99	0.49	0	7	29	2	0	sw.	H. K. Gilbert.
Florence 2	....do	136	10	.....	.....	.....	.....	.....	.....	.....	1.90	−3.65	0.68	0	4	21	6	4	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	[f]80.0	.....	[c]105	20	[f]60	27	[f]42	3.07	.....	1.16	0	11	15	14	2	.....	Maner B. Robert.
Georgetown	Georgetown	18	32	79.6	−0.8	101	21	59	23	37	1.47	−5.33	1.00	0	2	23	8	0	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	43	80.2	+0.7	104	14	60	31	35	2.60	−3.70	1.20	0	4	26	1	4	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	1.15	.....	0.45	0	3	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	80.9	.....	106	20	58	†23	41	0.68	.....	0.40	0	6	16	14	1	ne.	U.S. Fisheries Station.
Paris Island	Beaufort	13	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pinopolis	Berkeley	54	78	[k]79.2	+1.4	[k]95	14	[k]68	† 2	.....	0.70	−6.38	0.35	0	4	...	....	....	.....	Miss E. P. Ravenel.
Itimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	0.55	−5.30	0.40	0	2	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	80.4	+0.4	103	14	59	27	38	1.32	−5.09	0.60	0	4	12	18	2	.....	R. L. Utsey.
Society Hill	Darlington	192	34	[b]80.8	+2.3	[b]109	19	[b]54	22	[b]41	0.28	−5.42	0.28	0	1	29	2	0	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	[b]78.8	−0 6	[g]103	13	[b]60	†23	[b]40	2.81	−4.61	1.55	0	5	13	17	1	sw.	D. P. Dehon.
Wedgefield	Sumter	249	35	81.2	+3.4	105	†14	58	24	37	0.79	−5.12	0.52	0	2	29	2	0	ne.	W Hampton Ramsey.
Yemassee	Hampton	24	36	79.8	−0.2	103	20	59	27	39	1.30	−5.19	0.50	0	10	21	0	10	ne.	W. C. Hutson.
Division means and	extremes	.....	....	80.5	+1.0	109	†19	57	†27	42	1.44	−4.86	1.76	0	4	21	7	3	ne.	
Western Portion.																				
Aiken	Aiken	527	63	82.8	+4.0	105	20	63	22	37	0.95	−4.48	0.36	0	5	27	2	2	ne.	Frank B. McCoy.
Anderson	Anderson	764	32	80.2	+1.8	105	20	59	23	34	0.99	−4.34	0.68	0	4	26	2	3	w.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	2.68	−2.32	1.32	0	5	....	....	....	.....	Esther B. Owens.
Cæsars Head††	Greenville	3118	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	79.6	.....	109	20	56	27	39	0.98	−4.23	0.38	0	2	16	12	3	s.	L. M. Parker.
Camden	Kershaw	222	75	82.5	+3.6	105	13	60	†27	35	2.68	−2.60	1.43	0	10	26	0	5	ne.	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	.....	2.96	−2.25	1.20	0	5	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	1.27	−3.18	0.66	0	4	....	....	....	.....	George V. Champ.
Chester††	Chester	487	3	[n]80.0	.....	[b]104	20	[n]56	23	[b]41	2.05	.....	1.60	0	3	18	10	3	ne.	J. C. Cornwell.
Clemson College	Oconee	850	33	[n]79.8	+2.4	[a]104	20	[n]58	30	[n]37	0.30	−4.96	0.30	0	1	....	....	....	.....	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	80.8	+1.2	104	13	60	23	31	0.94	−5.84	0.47	0	6	16	12	3	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	11	75.9	+1.2	105	20	58	23	35	0.97	−3.70	0.66	0	2	18	11	2	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	.....	.....	.....	0.75	−3.17	0.30	0	3	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	1.99	−3.42	1.57	0	2	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	78.7	+2.9	101	20	59	23	32	0.78	−5.10	0.72	0	5	18	11	2	e.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	78.4	0.0	102	21	57	23	31	1.06	−4.13	0.45	0	4	27	0	4	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	78.7	−0.1	102	20	53	23	37	3.22	−2.28	1.12	0	8	18	7	6	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	9	79.2	.....	104	20	55	23	37	2.43	.....	0.98	0	7	21	0	10	e.	John W. Hamel.
Landrum	Spartanburg	1063	10	78.0	+1.7	105	20	57	†27	41	3.09	−1.72	1.98	0	4	23	7	1	se.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	79.8	.....	107	20	56	22	45	0.73	.....	0.40	0	3	22	8	1	ne.	L. G. Roff.
Liberty	Pickens	900	25	77.8	−0.2	103	†13	55	30	35	0.40	−6.11	0.40	0	1	20	6	5	s.	O. F. Boggs.
Little Mountain	Newberry	711	32	80.0	+0.7	105	20	55	23	37	0.94	−4.24	0.79	0	2	22	7	2	s.	Miss Alberta Sease.
Newberry	Newberry	502	21	81.0	+1.5	106	20	58	23	40	2.01	−3.35	1.28	0	4	24	5	2	w.	John H. Baxter.
Pelzer	Anderson	850	21	.....	.....	.....	.....	.....	.....	.....	0.78	−4.05	0.40	0	4	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	80.6	+1.4	108	20	55	23	43	1.00	−4.34	0.66	0	4	16	13	2	ne.	W. S. Crout.
Santuck	Union	512	32	78.6	+0.1	106	20	55	24	41	3.31	−2.42	1.23	0	5	26	3	2	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	48	79.0	+1.5	106	20	57	23	35	1.50	−4.09	0.77	0	3	....	....	....	.....	F. P. Robinson.
Trenton	Edgefield	620	32	81.8	+2.3	109	†13	58	23	40	0.42	−5.45	0.18	0	3	18	11	2	ne.	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	78.2	+1.8	105	†13	57	27	39	0.60	−5.67	0.24	0	4	21	8	2	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	31	[b]78.2	+0.1	[a]105	20	[b]55	23	[b]34	2.60	−2.74	0.87	0	8	17	11	3	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	25	79.0	+0.6	106	20	54	23	38	1.72	−3.97	0.55	0	4	12	18	1	ne.	W. T. Clawson.
Division means and	extremes	.....	....	80.1	+1.8	109	†13	53	23	45	1.53	−3.87	1.98	0	4	20	8	3	ne.	
Section means and	extremes	.....	....	80.2	+1.3	109	†13	53	23	45	1.48	−4.40	1.98	0	4	21	7	3	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb: means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

August, Comparative Data.—Highest maximum temperature, 1913, 109°, should be 104°, and absolute maximum for all Augusts prior to 1925 should be 107°.

Daily Precipitation for August, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto				.75																												0.75
Charleston ***	Coast				T.	.06				.01		T.		T.	.17	T.						.63				T.			.75		T.	1.62
Cheraw ‖‖	Pee Dee				T.	T.					.28		.33	.36		T.																0.97
Conway ‖‖	Waccamaw					.29	T.						.13	.28		.07						1.47										2.24
Darlington ‖‖	Pee Dee						.12						.05	.60		.15																0.92
Effingham ‖‖	Lynches					T.					.11		T.	1.76		T.							.60									2.47
Ferguson ‖‖	Santee					.38					.30	.31											.09						T.			0.99
Florence 1 ‖‖	Pee Dee					.08					.27		.49	.46		.09							.09				.08					1.56
Florence 2 ‖‖	do	T.				T.					.48		.29	.68									.45			T.						1.90
Garnett	Savannah				.04	.02	.42	.02		.80	1.16	.01		.07	.38								.14						.01			3.07
Georgetown	Coast										1.00			T.								.47						T.			1.47
Kingstree ‖‖	Black					.10						.40				.90							1.20									2.60
Mars Bluff	Pee Dee												.20	.50									.45									1.15
Orangeburg	Edisto	.17			.40	.04				.03				.01		.03																0.68
Paris Island	Coast																																
Pinopolis	Cooper				.35					.20	.05			.10																		0.70
Rimini ‖‖	Santee										.15					.40																0.55
St. George	Edisto					.30					.05		.60			T.	.37															1.32
Society Hill ‖‖	Pee Dee												.28																			0.28
Summerville	Ashley			.05	1.55	.22								.83															.16			2.81
Wedgefield	Wateree				.27							.52																				0.79
Yemassee ‖‖	Ashepoo	.07				.15	03				.50	.36	.06			.01									.01				.04	.02		1.30
Western Portion.																																	
Aiken	Edisto				.36					.05	.31	.17										.06										0.95
Anderson	Savannah			.03	.25	.03	.68																									0.99
Blairs ‖‖	Broad				.43	.32	1.32				.56					.05																2.68
Caesar's Head	Saluda																																
Calhoun Falls ‖‖	Savannah					.38	.60																										0.98
Camden ‖‖	Wateree				.08	.05	1.43			.03	.38	.04	.02	.20		.10	.35																2.68
Catawba ‖‖	Catawba				1.20	.44	.12							1.05		.15																	2.96
Chappells ‖‖	Saluda				.05	.66	.48															.08										1.27
Chester	Broad				.40	T.	.05				1.60																						2.05
Clemson College	Savannah			.30									T.																				0.30
Columbia ***	Congaree			T	.29	.01	.46		T.	.01	T.				.01	T.						.16										0.94
Due West***	Savannah			T.	.31	T.	.66						T.								T											0.97
Edgefield ‖‖	Savannah				.20	.30																.25										0.75
Gaston Shoals ‖‖	Broad					1.57	.42					T.																					1.99
Greenville ***	Saluda			T.	.54	.20	.01			.01										T.		.02						T.					0.78
Greenwood ‖‖	do				.22	.45	.19							.20																			1.06
Heath Springs	Wateree			.65	.35	.04	1.12				.04	.29	.68			.05																	3.22
Kershaw ‖‖	Lynches				.33	.03	.85				.03		.06	.98		.15																	2.43
Landrum	Broad				1.98	.85		.14		.12																							3.09
Laurens	Saluda				.40	.10	.23																										0.73
Liberty	Savannah					.40	T.					T.								T.													0 40
Little Mountain	Saluda				.79		.15																										0.94
Newberry	Saluda				1.28		.70			.02												.01											2.01
Pelzer ‖‖	do	T.			.04	.36	.36			.02											T											0.78
Saluda	do				.66		.03				.16											.15											1.00
Santuck	Broad				.66	1.23	1.14					.08				.20																	3.31
Spartanburg ‖‖	do				.77	.65				.08	T.																						1.50
Trenton	Edisto				.18		.12															.12											0.42
Walhalla	Savannah				.24	.06						T.									.15		.15										0.60
Winnsboro ‖‖	Broad				.26	.05	.87			.01	.51		.07	.09		.74						T.											2.60
Winthrop College	Catawba				.35	.37	.55							.45																			1.72

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.8	101	49	6.54	11				
1888	77.8	102	50	4.53	10				sw.
1889	74.4	97	45	6.37	12				se.
1890	77.1	96	51	4.25	9				s.
1891	78.9	98	55	8.79					sw.
1892	79.5	96	59	4.42					sw.
1893	77.5	97	57	12.45	13	10	9	12	ne.
1894	77.9	102	55	7.28	11	10	13	8	sw.
1895	79.4	101	55	7.95	13	9	14	8	sw.
1896	80.4	105	52	4.14	7	14	12	5	sw.
1897	78.0	102	57	5.16	9	13	9	9	sw.
1898	78.7	99	57	9.81	18	8	11	12	sw.
1899	81.2	103	59	6.26	10	12	11	8	sw.
1900	83.0	106	60	2.13	5	21	9	1	sw.
1901	78.6	97	57	9.01	15	7	14	10	s.
1902	78.6	104	55	5.07	12	14	10	7	sw.
1903	80.6	105	60	7.15	12	15	9	7	sw.
1904	77.6	102	54	8.47	14	12	9	10	sw.
1905	77.9	107	46	5.69	11	15	8	8	sw.
1906	80.6	100	60	6.62	15	7	17	7	sw.
1907	79.4	101	54	5.41	9	13	13	5	sw.
1908	78.6	100	49	9.11	10	12	11	8	s.
1909	78.8	104	53	4.83	8	15	12	4	ne.
1910	79.0	101	60	6.00	10	11	12	8	ne.
1911	80.0	104	51	6.05	12	10	15	6	sw.
1912	79.2	104	54	3.69	9	16	8	7	sw.
1913	78.9	104	52	3.76	9	15	9	7	sw.
1914	79.0	101	56	5.88	13	9	15	7	sw.
1915	78.8	102	52	7.62	14	11	11	9	sw.
1916	79.6	100	58	3.27	8	16	10	5	sw.
1917	78.5	102	49	3.23	8	15	10	6	sw.
1918	80.2	106	52	4.45	7	20	7	4	sw.
1919	78.5	103	53	5.08	9	14	11	6	sw.
1920	77.7	100	56	8.08	14	8	12	11	sw.
1921	78.2	102	56	4.14	10	14	10	7	ne.
1922	76.4	98	49	5.07	11	12	8	11	ne.
1923	79.3	101	54	7.44	12	11	11	9	sw.
1924	80.4	105	53	2.86	6	18	9	4	w.
1925	80.2	109	53	1.48	4	21	7	3	ne.
Period	78.9	109	45	5.88	11	13	11	7	sw.

Daily Temperatures for August, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	94	95	99	80	91	94	98	98	100	98	98	102	105	103	98	96	96	98	103	109	98	90	87	89	90	95	98	90	89	93	88	95.5
	Minimum	72	63	66	69	69	67	67	72	73	72	74	75	77	78	72	72	67	63	70	72	78	63	60	63	64	65	63	69	70	60	61	68.6
Charleston	Maximum	91	92	87	86	85	90	88	89	89	92	95	94	97	102	88	88	87	91	91	97	98	82	79	83	84	89	86	80	78	81	82	88.4
	Minimum	76	72	75	75	74	73	74	75	77	79	80	82	81	75	76	78	72	74	74	79	74	71	66	69	70	72	70	74	72	70	69	73.9
Cheraw§§	Maximum	91	93	92	84	87	91	96	99	96	96	97	99	103	104	90	92	90	94	102	105	95	84	85	84	88	91	96	86	86	89	92	92.8
	Minimum	68	65	70	69	69	65	63	71	74	71	72	72	71	75	71	68	63	61	66	70	79	61	57	62	63	66	59	67	61	59	59	66.7
Conway	Maximum	93	94	94	89	82	90	92	95	93	94	98	99	99	103	93	93	90	94	94	102	97	84	85	86	86	90	91	86	84	85	88	91.7
	Minimum	73	64	66	70	70	68	66	68	71	72	74	76	72	78	71	69	65	63	68	70	73	64	60	60	68	71	62	67	63	61	59	67.8
Darlington §§	Maximum	92	91	95	....	89	93	97	97	94	97	100	102	101	104	94	93	92	95	99	103	97	87	87	88	91	83	99	88	92	93	92	[b]94.2
	Minimum	72	61	66	70	....	67	64	78	72	74	73	73	70	77	71	68	64	61	65	68	79	62	67	63	64	....	57	66	64	60	57	[b]67.3
Ferguson §§	Maximum	90	89	94	87	86	91	93	93	96	92	95	96	102	103	95	93	90	93	97	102	101	85	84	88	92	94	94	89	90	91	92	92.8
	Minimum	72	69	61	72	70	67	65	68	70	71	74	75	76	77	76	69	65	62	64	73	78	72	62	63	66	62	67	67	67	57	62	68.4
Florence 1	Maximum	95	94	97	92	89	94	97	99	98	97	100	101	104	101	94	93	92	95	101	104	100	86	88	91	91	87	97	90	90	94	95	95.0
	Minimum	73	64	64	74	71	68	69	71	72	68	75	69	72	72	78	70	65	64	69	73	77	63	58	63	65	71	61	67	64	61	61	68.1
Garnett	Maximum	95	95	97	83	89	....	95	98	98	98	97	100	102	102	....	....	91	91	100	105	103	89	85	90	87	95	97	83	78	92	94	[c]93.9
	Minimum	73	61	68	....	....	....	68	68	69	72	72	75	76	73	....	....	69	67	63	73	77	69	64	66	....	67	60	69	70	66	61	[f]66.0
Georgetown	Maximum	92	94	94	92	88	93	85	95	93	98	98	98	98	100	90	80	90	90	96	100	101	90	83	83	88	83	90	85	85	89	90	91.3
	Minimum	72	70	61	70	70	68	68	68	78	73	73	73	68	77	72	70	65	65	64	74	79	64	59	62	66	69	62	63	65	62	61	68.1
Kingstree	Maximum	93	93	92	80	86	92	94	95	94	96	96	98	101	104	94	93	90	94	96	103	97	84	82	86	86	85	91	88	86	88	92	91.9
	Minimum	73	64	63	72	71	68	67	70	72	72	75	75	70	78	72	71	66	65	68	73	72	65	60	63	66	71	62	68	66	63	60	68.4
Orangeburg 1	Maximum	91	91	92	88	86	87	93	98	95	96	98	101	104	105	100	93	91	93	101	106	103	90	84	87	90	91	94	92	87	91	92	93.9
	Minimum	71	61	64	70	70	67	66	69	70	71	72	73	76	80	72	73	66	63	65	72	77	67	58	64	64	69	58	69	69	61	59	67.9
Paris Island§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
St. George	Maximum	92	92	95	84	86	92	93	94	94	95	98	96	100	103	94	92	88	92	95	101	100	87	83	87	87	93	92	86	82	92	92	92.2
	Minimum	73	64	64	71	70	68	67	68	70	72	73	75	75	79	73	73	67	65	65	72	76	67	62	65	65	69	59	66	69	63	61	68.6
Society Hill §§	Maximum	97	....	....	95	98	100	98	98	104	104	106	105	107	95	95	93	98	105	109	95	86	88	87	92	91	101	88	91	94	94	99	[b]97.1
	Minimum	62	67	....	....	65	61	68	70	73	71	73	70	71	72	67	62	60	64	69	69	60	54	62	62	64	57	60	62	58	56	59	[b]64.4
Summerville	Maximum	94	95	96	84	89	92	94	95	94	....	....	....	....	103	....	....	....	....	96	96	102	102	89	85	89	85	93	93	88	87	92	91	[c]92.4
	Minimum	71	62	65	65	69	68	66	63	62	....	....	....	....	....	....	....	....	....	65	65	72	76	62	60	63	60	68	60	66	68	61	61	[b]65.1
Wedgefield	Maximum	90	90	94	85	88	98	94	91	95	94	98	98	104	105	94	93	93	95	100	105	101	88	88	89	90	92	96	89	88	92	93	93.9
	Minimum	70	62	65	70	69	65	67	70	70	72	72	74	75	78	70	71	65	64	68	74	78	64	62	58	63	68	64	68	68	68	62	68.2
Yemassee	Maximum	92	92	93	83	86	91	93	95	94	95	96	98	99	100	94	93	90	94	97	103	100	89	87	89	87	93	94	84	79	91	91	92.3
	Minimum	71	61	62	71	69	69	64	66	66	70	70	74	74	78	71	71	65	63	64	71	75	68	62	65	64	65	59	66	69	65	60	67.4
Western Portion.																																	
Aiken	Maximum	91	91	92	88	88	92	96	95	94	97	97	101	105	103	98	94	94	95	101	105	100	86	86	90	93	92	95	95	90	90	91	94.4
	Minimum	70	65	67	69	68	68	70	72	71	74	74	75	80	79	74	76	76	76	71	75	68	63	69	68	70	67	71	75	71	68	66	71.2
Anderson	Maximum	90	86	81	76	87	88	91	94	94	95	96	101	101	100	95	92	91	95	100	105	95	84	82	83	86	91	95	87	83	89	92	91.1
	Minimum	63	65	68	67	66	76	70	70	73	73	74	74	74	77	73	73	71	68	71	74	77	65	59	62	61	64	64	71	66	74	64	69.3
Caesar's Head	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Calhoun Falls§§	Maximum	93	88	83	71	93	93	93	96	98	101	101	105	106	106	99	96	94	99	105	109	100	88	87	86	89	94	99	90	85	93	96	94.7
	Minimum	67	59	61	64	64	63	63	67	69	70	71	70	71	73	69	68	68	62	67	70	74	62	57	57	58	60	56	59	62	62	60	64.6
Camden §§	Maximum	92	94	92	93	95	91	96	99	101	100	103	103	105	97	95	91	93	95	97	103	94	90	93	90	94	94	93	91	93	94	90	95.4
	Minimum	76	67	68	70	71	73	72	73	75	75	77	77	78	78	75	75	72	72	68	68	74	64	63	64	63	65	60	60	64	62	60	69.6
Chester	Maximum	96	97	98	95	95	96	....	....	96	95	97	103	101	100	98	98	98	98	103	104	97	95	90	82	90	91	91	92	91	92	90	[b]95.5
	Minimum	65	66	66	65	64	64	....	....	....	....	....	....	....	....	....	....	....	62	....	....	75	....	56	61	64	64	60	61	60	62	63	[m]63.4
Clemson College	Maximum	89	84	90	91	88	89	92	91	92	95	96	101	102	100	94	95	90	96	101	104	93	85	85	84	88	91	96	87	89	....	91	[a]92.3
	Minimum	....	....	65	....	....	64	....	....	66	69	70	70	....	72	71	71	70	65	67	73	64	67	....	....	....	....	....	....	60	58	....	....	[m]67.2
Columbia	Maximum	92	91	90	78	89	89	92	93	91	92	97	98	104	103	93	90	91	93	101	103	100	83	83	83	88	92	94	85	86	88	90	91.7
	Minimum	72	68	70	68	69	65	70	73	73	73	75	75	76	79	72	74	69	67	73	75	74	67	60	66	65	73	63	70	67	65	64	70.0
Due West	Maximum	90	85	81	74	87	91	91	94	93	95	97	101	102	100	95	92	92	95	100	105	96	85	82	83	87	91	95	87	85	88	91	91.3
	Minimum	61	63	68	67	66	65	70	71	74	72	75	73	72	75	71	72	70	67	70	74	72	65	58	62	60	66	60	69	65	63	62	67.7
Greenville	Maximum	87	84	81	73	84	88	92	93	91	93	93	98	99	96	92	90	90	93	99	101	87	82	80	81	86	91	94	85	79	87	90	89.0
	Minimum	62	65	68	65	65	64	69	71	73	72	74	72	75	77	73	73	71	72	69	74	71	65	59	63	61	67	62	69	67	66	67	68.4
Greenwood	Maximum	91	89	85	82	70	83	86	90	93	91	94	96	100	100	100	92	90	89	92	98	102	94	83	81	81	85	90	93	85	84	86	89.5
	Minimum	65	62	67	67	66	66	68	70	73	72	74	73	73	76	70	70	67	65	67	75	75	65	57	62	61	64	62	66	64	61	61	67.2
Heath Springs	Maximum	90	90	89	88	86	88	96	90	90	91	93	96	97	100	98	95	94	92	98	102	91	84	82	80	86	90	93	92	89	97	90	91.5
	Minimum	67	62	69	66	67	66	66	71	69	71	71	71	69	77	71	68	61	62	68	69	65	61	58	60	60	69	64	66	62	61	61	65.9
Kershaw	Maximum	93	92	90	79	89	88	92	94	95	95	97	100	100	97	90	91	91	93	99	104	94	85	86	84	91	92	97	87	87	91	93	92.1
	Minimum	66	63	70	67	68	62	66	72	72	73	72	72	70	70	71	69	63	63	67	70	75	62	55	60	60	69	59	67	62	61	60	66.3
Landrum	Maximum	86	85	85	80	86	90	91	92	93	95	96	98	101	96	91	90	90	96	101	105	90	84	80	84	87	92	96	85	79	88	94	90.5
	Minimum	66	59	62	62	63	62	64	71	66	67	70	69	69	75	70	71	67	69	64	75	72	65	56	60	64	60	57	69	66	59	57	65.4
Laurens	Maximum	93	85	83	79	88	90	95	96	96	97	99	104	105	103	94	92	93	97	102	107	101	88	83	82	87	92	98	87	85	91	94	93.1
	Minimum	61	64	65	68	66	66	67	69	74	74	73	72	72	73	70	72	68	64	68	74	76	56	62	62	61	64	59	62	65	59	58	66.6
Liberty	Maximum	91	87	83	78	87	90	94	94	95	95	95	101	103	101	94	93	91	94	101	103	90	84	81	82	86	97	98	86	85	90	93	91.7
	Minimum	59	60	64	63	61	61	65	65	70	68	71	68	70	74	68	70	68	64	65	69	69	68	57	60	57	60	59	63	58	55	56	64.0
Little Mountain	Maximum	91	88	89	86	88	89	92	94	94	95	96	100	103	102	100	94	92	93	98	105	99	84	83	83	84	90	94	92	91	91	89	92.5
	Minimum	66	62	65	64	62	63	69	70	70	71	71	72	73	72	70	69	68	70	72	74	76	62	55	65	67	68	64	64	64	65	69	67.5
Newberry	Maximum	92	90	88	82	90	90	96	96	98	97	99	102	103	104	95	93	93	96	103	106	98	86	86	83	89	94	98	89	89	91	93	93.7
	Minimum	65	72	68	68	68	65	67	71	74	74	76	75	74	76	71	72	67	63	71	70	77	64	58	63	60	68	61	70	66	63	60	68.3
Saluda	Maximum	95	91	89	82	90	93	98	99	95	98	101	104	106	104	97	95	94	97	103	108	101	87	87	87	89	94	99	89	89	91	93	95.0
	Minimum	65	61	64	67	67	64	65	71	74	73	76	78	76	77	70	70	64	60	66	69	67	64	55	62	62	65	57	67	66	59	57	66.2
Santuck	Maximum	93	86	87	82	88	89	92	93	94	96	98	102	104	105	92	90	90	94	100	106	96	83	82	80	86	90	95	89	88	90	93	92.0
	Minimum	59	61	64	67	65	64	65	70	75	74	71	71	70	72	71	69	63	59	65	67	73	61	60	55	58	67	56	69	63	57	56	65.1
Spartanburg	Maximum	91	87	84	70	86	90	95	96	95	96	99	101	103	100	94	93	93	97	101	106	90	87	83	83	88	93	98	87	87	90	96	92.2
	Minimum	60	61	65	65	65	63	66	69	72	72	72	71	71	73	70	70	68	64	69	71	71	64	57	60	58	61	60	63	65	62	60	65.7
Trenton	Maximum	94	93	91	72	90	92	93	100	97	101	101	106	109	105	98	94	94	97	104	109	102	87	85	84	88	92	96	85	87	[a]91	92	94.4
	Minimum	75	65	68	68	69	65	72	68	73	74	74	78	76	74	72	72	69	65	71	74	69	66	58	66	63	66	64	70	70	63	62	69.0
Walhalla	Maximum	89	87	85	80	90	94	96	98	97	98	98	104	105	102	96	91	91	97	102	105	91	86	81	83	88	93	91	85	81	89	93	92.5
	Minimum	59	56	61	64	63	63	68	62	69	68	68	68	66	68	67	73	73	63	66	66	67	63	58	61	58	58	57	67	68	63	58	64.0
Winnsboro §§	Maximum	....	89	75	73	90	89	95	95	89	92	91	97	102	99	88	88	89	92	99	105	94	82	86	81	87	92	96	72	78	87	90	[a]89.4
	Minimum	....	....	68	67	67	63	67	72	73	72	73	72	70	76	69	70	64	64	69	71	74	62	55	62	60	66	63	66	64	62	61	[b]67.0
Winthrop College	Maximum	94	87	83	81	88	90	93	94	92	96	99	101	102	101	92	91	92	93	101	106	93	86	86	83	89	92	95	96	87	90	90	92.4
	Minimum	63	61	62	65	65	62	67	71	73	72	72	73	70	73	70	68	63	63	69	70	73	60	54	56	56	67	62	65	61	62	61	65.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

WBO, Raleigh, 9-24-25—900

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., SEPTEMBER, 1925. No. 9.

GENERAL SUMMARY.

Unprecedented heat, with absolute maximum temperature records of all previous months broken, excessively high day temperatures for over three weeks, and monthly rainfall less than half the normal marked the weather of September, conditions that further intensified the record-breaking drought that has prevailed with comparatively little relief since January.

All vegetation deteriorated incident to drought, large numbers of forest trees died, forest fires became more numerous, even in the swamp regions, many streams were the lowest of record, with hydro-electric power correspondingly reduced, and scarcity of water in the interior resulted in considerable premature marketing of stock; in fact, the whole countryside has assumed the ordinary mid-fall appearance. The cotton crop was practically made by the first week, and the crop was all open by the last week, with picking and ginning keeping fairly close pace. The corn and forage harvests were poor to fair only, and ground crops were generally poor. Truck and gardens were badly parched, native vegetables were very scarce, and pastures had practically failed. However, the crop situation was generally better in the coastal region and in some east-central counties. But little plowing could be done on account of hard, dry soil.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 02 inches. The highest pressure was 30.43 inches at Charlotte, N. C., on the 27th, and in the Section proper, 30.42 inches at Due West on the same date; the lowest pressure was 29.72 inches at Wilmington, N. C., on the 4th, and in the Section proper, 29.73 inches at Columbia on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 41 stations, was 81.7°, or 7.3° above the normal, and the highest September mean temperature of record. The highest temperature was 111° at Blackville on the 4th and at Calhoun Falls on the 8th, one degree higher than the previous Section absolute maximum temperature at Chester on July 18, 1887; in fact, temperatures of 90° or above occurred throughout practically the entire Section from the 1st to the 22d, inclusive, and in most sections even the July and August absolute maximum temperature records were broken. Temperatures ranged 5° to 16° daily above the normal, except relatively cool periods about the 1st and about the 26th and 27th. The lowest temperature was 55° at Liberty on the 1st and 2d.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 53%; 8 p. m., 68%. The highest percentages occurred along the coast, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 1.86 inches, or 2.14 inches below the normal. While rainfall occurred on many dates, the heaviest amounts centered about the 16th in the eastern counties and near the 24th in the western portion. Precipitation was decidedly below normal in most sections, ranging downward from over 5 inches in small areas of Florence and Marion Counties and over 4 inches in central Fairfield County to less than one-half inch in sections of Aiken, Anderson, and Kershaw Counties. The greatest local monthly amount was 5.55 inches at Mars Bluff; least local monthly amount, 0.24 inch at Aiken. The greatest 24-hour rainfall was 2.80 inches at Mars Bluff on the 15-16th. The average number of rainy days was 29% below normal.

Killed by Lightning.—Near Hopkins, 5 p. m., 7th, John Edmunds, negro. At Inman, afternoon, 9th, Mrs. E. E. Tennison.

Damage by Lightning, Rain, Hail, and Wind.—On 15th, Horrell Hill School damaged by lightning about 4 p. m.; loss, about $500. 15th, in Columbia, about 4 p. m., garage on Park Street fired by lightning and damaged about $100. 15th, heavy hail near Cheraw damaged unpicked cotton about $10,000; the path of the storm was one-half mile wide and several miles long; some of the hailstones were of the size of large marbles. 16th, severe hailstorm in the region about Lake Swamp and Ebenezer, in evening; damage unknown, but probably $10,000 or more. 23d, severe thunderstorm at Due West damaged buildings, cotton and telephone poles about $1,000 in a path one-half mile wide and three-fourths mile long.

WIND.

The prevailing wind was from the south. The average hourly velocity, determined from 9 anemometer records, was 6.3 miles. The highest average was 9.7 miles per hour at Savannah, Ga., and in the Section proper, 9.0 miles per hour at Charleston; the lowest average was 3.7 miles per hour at Charlotte, N. C., and in the Section proper, 5.4 miles per hour at Greenville. The highest velocity for any 5-minute period was 48 miles per hour from the northwest at Augusta, Ga., on the 7th, and for the Section proper, 38 miles per hour from the southwest at Due West on the 23d.

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SUNSHINE AND CLOUDINESS

The average monthly sunshine, determined from 9 automatic records, was 258.8 hours, or 70% of the possible amount. The average number of clear days was 17; partly cloudy, 9, and cloudy, 4, as against normals of 15, 9, and 6 days, respectively.

MISCELLANEOUS DATA FOR SEPTEMBER, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.03	73.6	95	56	1.92	0.75	5.4	se.	86	49	62	54
Augusta, Ga.	30.00	84.7	106	66	0.86	0.30	4.5	se.	81	47	59	80
Charleston, S. C.	30.02	82.2	95	69	1.94	0.87	9.0	sw.	84	71	85	67
Charlotte, N. C.	30.02	80.5	100	60	0.19	0.11	3.7	ne.	76	48	57	73
Columbia, S. C.	30.02	82.6	106	65	1.90	0.68	5.7	s.	82	52	59	72
Due West, S. C.	30.05	81.8	105	63	2.26	1.22	7.0	ne.	73	43	...	70
Greenville, S. C.	30.01	80.4	100	64	2.35	1.62	5.4	n.	72	48	56	71
Savannah, Ga.	30.00	83.6	102	69	3.91	2.47	9.7	sw.	87	56	80	71
Wilmington, N. C.	30.03	78.8	100	60	1.78	1.30	6.2	sw.	86	61	82	70
Means and extremes	30.02	80.9	106	56	1.90	2.47	6.3	sw.	81	53	68	76

Climatological Data for September, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	41	85.2	+9.6	111	4	63	1	39	0.95	−3.23	0.40	0	6	23	4	3	...	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	82.2	+5.6	95	19	69	1	18	1.94	−3.52	0.87	0	7	5	15	10	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	43	81.6	+8.5	107	4	59	30	38	1.12	−2.45	0.69	1	4	...	...	...	...	Roland D. Powe.
Conway	Horry	25	35	81.4	+7.2	105	4	60	1	38	1.02	−3.77	0.52	0	3	18	7	5	se.	Paul Quattlebaum.
Darlington	Darlington	175	30	82.4	+8.4	109	4	60	† 1	40	2.22	−1.72	1.75	0	4	18	9	3	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	.....	2.28	−1.73	1.60	0	4	...	...	...	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	39	82.2	+8.2	107	4	57	1	42	1.42	−2.38	0.52	0	5	...	...	...	.....	Henry C. Savage.
Florence 1	Florence	136	43	83.8	+9.2	108	4	62	30	38	2.05	−2.04	1.14	0	5	25	5	0	sw.	H. K. Gilbert.
Florence 2	....do	136	10	.....	.....	.....	.....	.....	.....	.....	2.16	−1.93	1.13	0	3	17	6	7	se.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	.....	.....	110	4	59	1	42	2.02	.....	1.30	0	7	4	25	1	.....	Mauer B. Robert.
Georgetown	Georgetown	18	32	80.8	+4.9	100	19	58	† 1	34	0.60	−3.56	0.60	0	1	21	8	1	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	43	82.3	+8.0	104	4	60	1	37	1.88	−2.22	0.90	0	4	19	1	10	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	5.55	.....	2.80	0	4	...	...	...	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	83.0	.....	106	4	60	1	37	1.77	.....	0.74	0	8	12	18	0	se.	U.S. Fisheries Station.
Paris Island	Beaufort	13	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pinopolis	Berkeley	54	78	80.2	+6 3	96	4	67	†18	...	2.23	−2.35	0.86	0	6	13	12	5	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	1.92	−1.89	0.52	0	7	...	...	...	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	83.3	+8.4	106	4	59	1	34	3.08	−0.81	1.45	0	6	7	23	0	.....	R. L. Utsey.
Society Hill	Darlington	192	34	°81.2	+8.1	°110	4	57	30	°42	2.64	−1.34	1.69	0	3	21	8	1	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	°82.9	+8.2	°106	4	°57	1	°38	3.06	−1.28	1.67	0	7	11	17	2	sw.	D. P. Dehon.
Wedgefield	Sumter	249	35	82.8	+8.9	108	4	63	1	35	1.59	−1.88	0.70	0	3	29	1	0	w.	W Hampton Ramsey.
Yemassee	Hampton	24	36	82.8	+7.5	107	4	56	1	39	1.34	−2.70	0.81	0	4	18	1	11	se.	W. C. Hutson.
Division means and extremes		.....	....	82.4	+8.0	111	4	56	1	42	2.04	−1.07	2.80	0	5	16	10	4	sw.	
Western Portion.																				
Aiken	Aiken	527	63	85.0	+10.8	106	4	67	1	34	0.24	−3.14	0.17	0	2	25	4	1	e.	Frank B. McCoy.
Anderson	Anderson	764	32	82.6	+8.9	105	8	64	27	35	0.85	−2.14	0.25	0	7	24	0	6	w.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	1.39	−1.41	0.66	0	6	...	...	...	.....	Esther B. Owens.
Cæsars Head††	Greenville	3118	1	73.4	.....	95	5	57	26	33	2.00	.....	2.00	0	1	16	10	4	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	82.8	.....	111	8	62	† 1	43	0.62	−3.28	0.62	0	1	16	10	4	w.	L. M. Parker.
Camden	Kershaw	222	75	83.2	+9.4	106	5	60	30	37	1.41	- 2.25	1.07	0	4	25	5	0	s.	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	.....	1.26	−2.17	0.33	0	5	...	...	...	.....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	1.42	−1.72	1.05	0	4	...	...	...	.....	George V. Clamp.
Chester††	Chester	487	3	81.2	.....	105	† 4	61	† 1	41	3.71	.....	2.61	0	5	8	6	16	ne.	J. C. Cornwell.
Clemson College	Oconee	850	33	80.8	+8.6	104	† †	60	1	40	1.00	−2.96	0.38	0	5	17	10	3	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	82.6	+8.1	106	4	65	1	30	1.90	−1.55	0.68	0	7	9	17	4	s.	U. S. Weather Bureau.
Due West	Abbeville	711	11	81.8	+8.4	105	8	63	27	32	2.26	−0.60	1.22	0	5	16	9	5	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	.....	.....	.....	2.62	−0.10	5.90	0	6	...	...	...	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	1.15	−2.02	0.40	0	6	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	80.4	+9.8	100	7	64	27	29	2.35	−1.44	1.62	0	7	16	8	6	n.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	80.8	+6.7	102	† 5	63	27	33	1.58	−2.08	1.03	0	3	21	0	9	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	80.6	+7.5	106	4	60	†23	35	0.80	−2.19	0.45	0	6	17	6	7	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	9	82.2	.....	105	4	61	30	35	0.43	.....	0.21	0	4	20	1	9	e.	John W. Hamel.
Landrum	Spartanburg	1063	10	80.3	+8.4	104	7	61	28	39	2.69	−1.97	1.48	0	6	22	7	1	s.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	82.4	.....	107	4	62	1	40	2.80	.....	2.19	0	8	12	17	1	sw.	L. G. Roff.
Liberty	Pickens	900	25	78.4	+5.9	103	3	55	† 1	48	0.93	−3.08	0.34	0	5	...	...	...	.....	O. F. Boggs.
Little Mountain	Newberry	711	32	80.7	+6.0	105	4	63	† 1	35	2.79	−0.05	1.49	0	5	20	8	2	s.	Miss Alberta Sease.
Newberry	Newberry	502	21	82.8	+8.6	107	4	64	†18	38	2.49	−0.38	1.67	0	8	15	12	3	ne.	John H. Baxter.
Pelzer	Anderson	850	21	.....	.....	.....	.....	.....	.....	.....	0.48	−2.96	0.14	0	5	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	83.2	+9.1	107	4	61	1	40	1.46	−1.62	0.78	0	5	14	14	2	n.	W. S. Crout.
Santuck	Union	512	32	80.6	+7.4	110	4	60	† 1	45	2.68	−0.58	1.73	0	5	14	12	4	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	48	79.3	+7.3	105	† 8	58	1	41	1.12	−2.16	0.52	0	3	...	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	32	83.4	+8.4	109	4	64	† 2	39	3.20	+0.02	1.10	0	6	12	16	2	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	f79.8	+9.0	f108	7	f57	1	f43	1.00	−4.07	0.57	0	7	20	7	3	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	31	°79.9	+6.7	°106	4	°63	29	°34	4.30	+0.96	1.60	0	5	15	10	5	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	25	81.4	+8.8	106	7	60	30	37	0.71	−2.31	0.38	0	4	8	18	4	s.	W. T. Clawson.
Division means and extremes		.....	....	81.2	+8.0	111	4	55	† 1	48	1.73	−1.15	2.61	0	5	17	9	4	s.	
Section means and extremes		.....	....	81.7	+7.3	111	† 4	55	† 1	48	1.86	−2.14	2.80	0	5	17	9	4	s.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (ª, ᵇ, ᶜ), appearing in the table indicate number of days missing; for example, ᵇ represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

August, 1925.—Due West, Mean temperature, page 30, should be 79.5.

Daily Precipitation for September, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto								.40			.10					.25								.05					.05	.10		0.95
Charleston ***	Coast															T	.18	T.				T.	.72			.01	.07	T.	.09	.47	.40		1.94
Cheraw ‖‖	Pee Dee								.09							.21	.69	.13															1.12
Conway ‖‖	Waccamaw															.20		.30								.52							1.02
Darlington ‖‖	Pee Dee								.17							.25		1 75							.05	T.							2.22
Effingham ‖‖	Lynches								.11						T.	.33	.24	1.60												T.			2.28
Ferguson ‖‖	Santee											T.				.11	.47	.07								.52			T.		.25		1.42
Florence 1 ‖‖	Pee Dee								.27						.17	.14	.33	1.14							T.								2.05
Florence 2 ‖‖	do								.40							T	.63	1.13															2.16
Garnett	Savannah										T.		T.		.17		.51									1.30	.01	.01		.01	.01		2.02
Georgetown	Coast				T.										T.		T.	.60		T.													0.60
Kingstree ‖‖	Black																.20	.90								.62					.16		1.88
Mars Bluff	Pee Dee								.20							1.50	2.80	1.05															5.55
Orangeburg	Edisto						T.		.29			.74	T.				.02	T.				.20	.12	.01	T.	.30	T.			T.	.09		1.77
Paris Island	Coast																																
Pinopolis	Cooper																.26					.10	.12		.80			.80	.15				2.23
Rimini ‖‖	Santee									.20		.15				.20	.42							.23	.10		.52						1.92
St. George	Edisto								.35			.90				T.		.20								1.45			.03		.15		3.08
Society Hill ‖‖	Pee Dee							.90							1.69									.05									2.64
Summerville	Ashley										.20				.13		.23	.08					.60			.05				1.67	.10		3.06
Wedgefield	Wateree											.52			.37										.70								1.59
Yemassee ‖‖	Ashepoo															.07		T.								.81			.18		.28		1.34
Western Portion.																																	
Aiken	Edisto								.07									.17															0.24
Anderson	Savannah	.05						.18																.08	.19		.25		.05		.05		0.85
Blairs ‖‖	Broad											.21		.02	.11	.08								.66	.31								1.39
Cæsar's Head	Saluda																	2.00															2.00
Calhoun Falls ‖‖	Savannah															T.								T.		T.	.62						0.62
Camden ‖‖	Wateree									.12		1.07					.06									.16								1.41
Catawba ‖‖	Catawba								.15			.33						.33							.30	.15								1.26
Chappells ‖‖	Saluda											.29			.03										1.05		.65						1.42
Chester	Broad								T		2.61	.30										.05		.10	.65								3.71
Clemson College	Savannah								.20															.03	.23		.16		.38				1.00
Columbia ***	Congaree							T	T.		.01			T.	.18	.68	T.			.04		T.	.63	.34	.02		T.						1.90
Due West***	Savannah	T.						1.	T		.02	.89	T.	T.								T	.05	1.22	T.	T.	.08		T.					2.26
Edgefield ‖‖	Savannah								.40	.50		.90			.45	.30	.07																2.62
Gaston Shoals ‖‖	Broad									.21		.10			T.	.17									.21		.06			.40			1.15
Greenville ***	Saluda	.01						T.	.03			T.	.03	T.			T.						T.	.09	1.62		T.	.27		.30				2.35
Greenwood ‖‖	do																							.02		1.03	.53						1.58
Heath Springs	Wateree								.04	.02		.10				.02		.45							.17									0.80
Kershaw ‖‖	Lynches										.21		.06			.03										.13								0.43
Landrum	Broad																							.28	.07	.72		.08		1.48	.06			2.69
Laurens	Saluda										.27		.20	T.			.01							.01	.01	2.19		.07		.04				2.80
Liberty	Savannah									.12														.03	.23		.21		.34				0.93
Little Mountain	Saluda										.73				.40		.12							.05	1.49								2.79
Newberry	Saluda								.20		.03		.25											.10	.07	1.67	.06	.11						2.49
Pelzer ‖‖	do		.08										T.	T.										.12	.14	.02				.12			0.48
Saluda	do							T.	T.				T.		01	.37								T	.78	.25	.05						1.46
Santuck	Broad								T.		.59						T.						.20	.09	1.73		T.		T.	.07			2.68
Spartanburg ‖‖	do																						.30	.30					.52				1.12
Trenton 1	Edisto							1.02							.80	1.10	.08										12			.08			3.20
Walhalla	Savannah	.11	.02										.02										.05	.05			.18		.57				1.00
Winnsboro ‖‖	Broad											1.60			.73	T.	.36							1.39	.22								4.30
Winthrop College	Catawba							.08																.20	.05					.38			0.71

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.2	101	34	1.12	4				e.
1888	69.6	93	31	9.86	13				ne.*
1889	72.1	98	40	3.34	5				se.
1890	72.9	98	49	7.84	16				ne.
1891	74.3	92	50	2.66					ne.
1892	72.5	93	40	6.41					ne.
1893	74.7	98	46	4.42	7	14	7	9	sw.
1894	75.0	100	52	6.51	12	12	10	8	ne.
1895	76.9	106	35	1.29	4	17	8	5	ne.
1896	75.0	105	39	2.94	5	17	8	5	ne.
1897	73.3	100	42	2.91	4	17	7	6	n.
1898	76.0	96	48	4.06	7	12	10	8	ne.
1899	72.8	102	34	2.55	6	17	8	5	ne.
1900	77.1	100	45	2.83	5	19	8	3	ne.
1901	73.1	98	46	4.66	6	15	8	7	ne.
1902	72.1	98	43	3.74	8	13	9	8	sw.
1903	72.7	100	41	3.62	5	17	7	6	ne.
1904	75.8	101	44	2.46	4	19	7	4	ne.
1905	76.2	98	49	1.91	4	16	8	6	ne.
1906	78.0	98	55	4.85	9	10	12	8	ne.
1907	76.0	99	45	5.91	9	13	11	6	w.
1908	72.4	94	40	2.86	4	15	9	6	ne.
1909	72.0	98	39	3.74	7	13	9	8	ne.
1910	75.8	103	46	3.10	7	15	12	3	ne.
1911	78.9	100	50	3.33	8	13	13	4	sw.
1912	77.0	109	47	5.91	11	10	7	13	e.
1913	71.7	99	40	4.66	9	14	7	9	ne.
1914	71.3	101	43	3.63	7	14	9	7	ne.
1915	75.9	102	43	2.38	5	16	8	6	ne.
1916	72.2	99	35	2.56	7	17	8	5	ne.
1917	71.2	98	40	5.75	10	12	8	10	ne.
1918	69.8	96	36	3.87	7	18	5	7	ne.
1919	74.1	99	45	0.97	2	22	6	2	ne.
1920	75.5	100	46	5.42	7	16	8	6	ne.
1921	80.0	104	57	3.42	6	19	8	3	sw.
1922	75.2	100	47	1.15	3	18	8	4	ne.
1923	75.5	99	50	2.67	6	16	9	5	ne.
1924	70.5	100	41	12.74	15	12	5	13	ne.
1925	81.7	111	55	1.86	5	17	9	4	s.
Period	74.4	111	31	4.00	7	15	9	6	ne.

*Also e. and s.

Daily Temperatures for September, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	95	100	103	111	107	103	106	100	105	102	103	101	100	96	99	100	99	103	104	105	100	94	100	96	90	95	95	92	83	84	....	99.0
	Minimum	63	65	72	73	77	75	75	72	72	76	70	71	69	75	73	73	68	69	73	74	73	72	71	70	68	69	75	75	68	67	....	71.4
Charleston	Maximum	84	84	86	94	87	85	93	90	90	88	90	88	90	90	88	92	89	86	95	93	93	92	81	87	88	82	83	85	86	80	....	88.0
	Minimum	69	72	74	78	79	78	78	79	80	80	80	79	79	80	80	75	77	78	79	80	80	74	78	76	73	72	74	75	70	70	....	76.5
Cheraw§§	Maximum	95	94	99	107	101	98	106	99	95	95	96	97	97	96	95	92	94	98	99	98	99	91	81	91	86	83	90	89	88	81	....	94.3
	Minimum	63	67	69	73	70	71	73	71	71	75	71	77	75	74	70	70	65	62	68	71	72	75	61	66	70	63	63	66	69	59	....	69.0
Conway	Maximum	89	91	94	105	97	91	98	96	97	97	94	92	93	94	94	97	93	95	98	94	98	91	89	96	86	85	86	90	87	84	....	93.0
	Minimum	60	65	67	73	73	69	67	72	74	66	77	74	72	75	73	74	69	65	69	73	75	76	67	67	71	63	65	68	72	62	....	69.8
Darlington §§	Maximum	95	95	98	109	105	97	101	98	99	100	100	100	97	96	97	94	95	97	99	100	96	95	85	90	90	86	91	92	86	84	....	95.6
	Minimum	60	67	70	74	69	73	72	71	71	75	71	76	74	74	71	73	64	63	70	71	75	74	63	63	69	65	62	67	70	60	....	69.2
Ferguson §§	Maximum	92	95	97	107	102	101	101	96	97	98	98	92	90	92	91	94	95	96	98	100	100	97	96	94	90	89	89	89	87	85	....	94.9
	Minimum	57	64	66	65	74	71	70	74	73	76	70	73	72	71	70	69	67	65	69	72	74	76	70	70	70	68	67	68	73	64	....	69.6
Florence 1	Maximum	96	98	100	108	108	102	104	103	99	100	101	101	102	97	98	96	93	96	99	101	97	95	88	95	90	88	93	93	89	88	....	97.1
	Minimum	63	63	70	75	72	73	72	74	73	76	74	78	75	75	72	71	66	65	72	73	76	76	64	67	70	65	63	69	67	62	....	70.4
Garnett	Maximum	92	98	98	110	108	99	101	104	103	103	100	101	98	100	99	99	99	100	101	104	102	102	93	91	94	81	89	92	91	81	....	97.6
	Minimum	59	63	68	70	70	....	....	72	72	....	....	....	....	....	71	72	70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Georgetown	Maximum	90	92	91	95	93	90	98	89	92	95	94	93	92	92	93	95	93	92	100	94	100	90	90	98	88	87	89	80	85	82	....	91.7
	Minimum	58	58	66	67	73	72	70	75	73	71	76	72	71	74	72	74	67	66	70	75	75	72	70	70	70	66	68	70	72	65	....	69.9
Kingstree	Maximum	88	94	96	104	98	94	100	93	98	98	98	97	97	93	93	96	94	96	99	100	93	96	84	95	89	85	89	90	87	80	....	93.9
	Minimum	60	66	69	74	72	75	71	74	74	77	73	77	73	74	72	74	67	62	69	72	75	75	68	71	70	65	66	69	71	66	....	70.7
Orangeburg 1	Maximum	92	97	100	106	103	98	101	100	97	98	94	94	92	95	95	96	96	101	99	102	99	96	90	96	89	84	89	88	88	79	....	95.1
	Minimum	60	64	70	69	74	74	74	73	73	77	70	76	70	75	72	74	70	66	70	69	74	73	70	71	71	69	68	71	71	66	....	70.8
Paris Island§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. George	Maximum	92	94	97	106	103	98	102	98	94	99	97	98	95	92	95	97	96	98	100	100	103	99	96	94	94	89	89	91	90	79	....	95.8
	Minimum	59	65	68	72	73	73	73	71	73	75	71	72	72	74	71	75	72	67	71	73	74	72	74	70	69	68	68	69	73	66	....	70.8
Society Hill §§	Maximum	97	103	104	110	100	106	100	97	98	99	....	99	100	97	95	92	96	97	...	99	91	83	92	....	88	90	90	87	82	85	....	°91.7
	Minimum	61	68	70	68	68	72	68	70	70	70	73	....	74	69	70	64	61	69	69	....	72	62	62	67	....	61	66	68	58	57	....	°66.9
Summerville	Maximum	94	96	96	106	101	99	100	97	98	102	99	98	99	99	97	....	96	98	100	103	107	102	83	98	95	81	90	94	85	85	....	°96.5
	Minimum	57	63	68	....	72	70	71	73	71	70	70	74	73	72	71	71	69	65	67	73	74	71	71	71	70	67	67	70	69	61	....	°69.3
Wedgefield	Maximum	93	97	97	108	103	97	102	99	98	101	96	95	94	95	94	96	97	98	100	101	98	97	87	92	87	87	90	92	89	82	....	95.4
	Minimum	63	65	70	72	73	74	73	73	73	75	70	75	76	71	71	72	67	65	72	72	74	75	66	68	72	67	65	72	64	70	....	70.8
Yemassee	Maximum	93	95	96	107	101	97	99	99	101	100	100	100	95	92	98	97	100	99	102	102	104	102	92	98	93	81	88	93	87	75	....	96.3
	Minimum	56	61	69	68	70	74	69	69	72	72	67	75	71	71	69	71	69	69	69	70	70	70	74	72	68	72	69	71	71	65	....	69.4
Western Portion.																																	
Aiken	Maximum	91	99	101	106	102	98	101	100	102	101	100	91	98	94	97	96	97	96	100	103	105	101	94	94	91	86	88	89	88	85	....	96.6
	Minimum	67	69	72	72	76	78	72	73	76	77	78	70	75	76	78	75	72	72	74	73	76	77	72	74	73	72	71	72	71	68	....	73.4
Anderson	Maximum	94	95	100	105	100	97	104	105	100	99	98	98	83	95	98	97	98	98	102	102	102	99	89	85	85	75	81	86	85	79	....	94.3
	Minimum	73	65	70	72	76	72	76	73	74	75	72	73	71	71	71	74	70	69	71	73	75	75	66	68	72	65	64	67	68	66	....	70.9
Caesar's Head	Maximum	87	88	91	95	92	90	89	93	86	87	89	88	88	89	89	88	87	89	96	98	78	88	80	78	65	73	75	80	75	....	....	°83.0
	Minimum	64	58	59	66	69	67	65	64	66	66	67	65	67	62	64	63	64	64	63	70	73	66	62	63	64	57	59	60	59	58	....	63.8
Calhoun Falls §§	Maximum	98	100	103	109	106	101	106	111	105	104	103	103	88	100	102	102	100	100	104	106	106	100	95	87	90	75	86	90	88	88	....	98.5
	Minimum	62	62	67	66	69	72	72	70	68	71	68	70	69	69	68	71	64	66	68	68	69	72	66	66	67	63	62	63	62	62	....	67.1
Camden §§	Maximum	92	98	101	105	106	97	105	101	105	100	104	99	98	96	95	96	96	98	100	105	104	96	92	98	94	90	92	95	95	88	....	98.0
	Minimum	61	66	67	70	72	73	73	71	70	74	67	70	70	71	71	69	67	64	65	68	73	72	66	66	67	67	67	68	67	60	....	68.4
Chester	Maximum	91	92	96	105	102	102	105	105	104	98	99	96	95	94	95	94	95	96	100	94	92	100	94	88	89	83	86	86	96	79	....	95.0
	Minimum	61	63	68	72	74	74	70	74	72	63	62	70	71	72	70	65	66	65	68	68	67	68	64	68	68	64	61	62	63	65	....	67.3
Clemson College	Maximum	95	94	100	104	100	97	104	102	99	99	95	96	94	94	96	92	96	98	100	100	99	96	88	87	84	82	82	88	85	85	....	94.4
	Minimum	60	62	64	65	73	70	68	70	67	72	70	68	69	69	68	67	69	64	62	66	69	68	70	67	69	76	64	65	65	61	....	67.1
Columbia	Maximum	92	95	101	106	101	94	102	99	99	96	96	95	91	91	92	96	93	96	97	99	98	94	81	88	85	82	86	87	87	79	....	93.3
	Minimum	65	70	73	76	77	73	76	73	74	76	72	77	72	72	74	74	69	71	72	76	75	72	68	69	73	67	66	71	71	66	....	72.0
Due West	Maximum	95	96	99	104	101	97	103	105	100	100	97	99	83	94	96	96	94	97	100	99	100	96	89	81	84	72	82	85	85	79	....	93.6
	Minimum	64	66	72	73	75	73	74	73	72	73	70	71	71	70	71	74	69	69	72	72	73	73	67	68	71	65	63	66	67	66	....	70.1
Greenville	Maximum	90	92	97	100	99	93	100	100	97	95	91	95	80	91	94	92	94	93	99	98	93	92	83	84	80	71	79	87	83	78	....	90.8
	Minimum	67	65	68	76	78	72	75	75	74	75	70	74	71	69	71	73	67	66	71	74	73	72	64	67	70	64	64	66	68	65	....	70.1
Greenwood	Maximum	88	92	93	98	102	97	95	101	102	96	98	95	96	85	94	95	95	94	95	99	98	99	94	88	82	84	71	81	82	84	....	92.4
	Minimum	65	66	67	73	74	73	74	74	70	76	69	70	70	71	71	72	67	65	66	69	73	74	67	67	70	65	63	64	67	64	....	69.2
Heath Springs	Maximum	91	93	100	106	101	97	99	100	99	95	94	92	92	93	92	94	92	95	96	95	93	93	78	85	85	85	86	81	82	82	....	92.3
	Minimum	61	63	70	75	71	70	71	75	70	75	68	74	69	68	70	73	67	65	73	71	72	74	60	67	67	68	61	65	70	60	....	68.8
Kershaw	Maximum	95	97	100	105	102	96	103	103	98	98	98	96	94	96	97	96	94	96	99	99	98	94	88	92	88	84	90	86	86	83	....	94.9
	Minimum	63	65	70	73	72	75	73	71	70	76	72	76	70	72	70	74	66	64	71	71	72	74	63	67	68	64	63	66	71	61	....	69.4
Landrum	Maximum	95	96	99	102	102	95	104	102	100	95	99	99	85	95	97	95	94	98	100	101	94	92	85	84	82	76	80	90	82	80	....	93.3
	Minimum	64	63	63	71	73	67	79	71	68	68	65	69	70	69	66	69	64	61	72	69	73	71	63	65	69	63	64	61	65	64	....	67.3
Laurens	Maximum	98	96	101	107	104	99	106	105	100	100	98	100	91	97	99	99	97	98	103	102	103	97	91	83	85	77	82	86	85	79	....	95.6
	Minimum	62	64	71	71	73	70	75	73	73	74	69	69	70	70	70	75	65	63	69	69	71	74	66	68	72	64	64	65	67	66	....	69.1
Liberty	Maximum	94	92	102	102	101	96	102	102	100	97	97	97	80	94	97	94	97	99	101	101	98	94	88	84	82	80	88	82	81	82	...	93.5
	Minimum	55	55	58	64	66	62	62	62	62	64	60	68	60	69	68	60	66	65	68	64	65	63	66	68	65	64	62	62	62	62	...	63.2
Little Mountain	Maximum	93	96	99	105	100	100	102	104	98	95	92	94	92	89	92	95	92	93	98	98	97	93	88	85	86	84	88	91	85	89	...	93.6
	Minimum	68	66	70	73	71	70	72	73	69	67	67	64	64	70	70	71	66	68	70	73	73	69	62	65	66	64	63	65	65	64	....	67.8
Newberry	Maximum	96	98	103	107	103	99	104	105	100	99	98	98	94	96	96	100	96	98	102	102	101	98	88	85	88	79	85	85	88	81	....	95.7
	Minimum	65	67	73	72	74	73	71	72	72	76	69	71	70	72	71	75	66	64	71	71	74	75	66	68	72	64	64	67	68	66	..	70.0
Saluda	Maximum	97	98	104	107	104	100	104	106	102	101	100	99	96	98	94	100	98	98	102	103	104	99	93	90	90	79	86	89	86	82	....	97.1
	Minimum	61	68	73	69	74	72	75	69	69	73	67	70	67	71	71	75	65	62	67	68	74	79	66	66	67	72	68	66	67	67	....	69.2
Santuck	Maximum	96	97	104	110	102	97	105	102	99	98	95	96	92	96	97	98	95	98	101	102	100	96	83	81	83	77	85	86	87	80	....	94.3
	Minimum	60	63	72	65	66	66	75	70	67	69	67	73	69	70	68	71	63	60	65	67	68	72	64	65	71	65	62	63	65	64	....	66.8
Spartanburg	Maximum	97	97	100	104	103	98	105	105	99	93	99	89	96	96	97	95	99	101	101	99	99	95	86	86	84	82	91	85	80	....	....	92.0
	Minimum	58	64	67	70	72	66	74	70	69	71	67	69	70	66	66	69	62	60	65	70	69	70	64	64	72	64	61	63	65	62	....	66.6
Trenton	Maximum	97	101	104	109	102	100	105	98	95	98	98	98	95	95	92	97	95	97	99	101	103	98	90	98	90	80	86	88	90	82	....	96.0
	Minimum	66	64	72	71	76	74	66	72	76	75	71	72	70	74	73	73	69	70	70	72	72	74	72	78	72	64	67	68	69	66	....	70.9
Walhalla	Maximum	....	95	101	106	102	98	108	106	102	98	97	....	84	....	98	....	99	98	104	101	...	99	....	86	84	78	81	83	84	77	....	°94.5
	Minimum	57	61	63	68	74	68	66	67	67	70	66	65	65	66	63	64	62	62	65	65	70	68	67	67	68	62	63	63	62	60	....	65.1
Winnsboro §§	Maximum	95	96	102	106	102	98	104	103	98	98	92	....	93	92	98	96	76	93	91	99	99	96	78	73	85	80	71	75	78	68	....	°90.7
	Minimum	64	66	71	74	72	70	73	73	70	75	68	70	....	72	71	73	66	65	70	72	72	74	64	64	69	65	64	66	68	63	....	°69.1
Winthrop College	Maximum	93	96	101	104	103	96	106	105	98	98	96	96	91	96	97	96	96	97	98	100	98	95	88	83	83	79	88	90	89	82	....	94.6
	Minimum	65	64	70	71	70	67	73	73	69	75	68	74	69	72	72	70	72	64	70	69	70	72	60	62	70	63	61	63	66	60	....	68.1

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 10-26-25—900

551.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., OCTOBER, 1925. No. 10.

GENERAL SUMMARY.

Temperatures averaged somewhat above normal, on the whole, but the month was one of rather rapid thermal changes, with marked plus and minus daily temperatures at intervals. Precipitation was somewhat below normal, but the prolonged drought was not effectively broken until after the 23d.

The prolonged drought was attended by further deterioration of all vegetation until the drenching rains about the 25th in the Piedmont and about the 28th in the lower coast counties, with lighter showers elsewhere The much needed moisture materially improved winter cereal germination, and further plowing and planting were greatly facilitated. Cotton was practically all picked by the middle of the month, and housing late crops proceeded. The killing frosts of the 11th up-State were not damaging, as all crops were matured. Late gardens and truck showed general improvement at the close of the month, and sirup making was in progress.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 03 inches. The highest pressure was 30.46 inches at Columbia on the 11th; the lowest pressure was 29.48 inches at Asheville, N. C., on the 25th, and in the Section proper. 29.58 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 63.9°, or 0.4° above the normal. The highest temperature was 98° at Georgetown on the 5th. The warm periods were from the 1st to 9th, 13th to 18th, and on the 24th and 25th. The lowest temperature was 26° at Caesar's Head on the 29th and 30th. The cool periods were from the 10th to 12th, 19th to 23d, and 26th to 31st, inclusive. Heavy to killing frosts were quite general in the interior on the 11th, 20th, 21st, and 29th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 59%; 8 p. m., 69%. The highest percentages occurred along the coast, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 2.93 inches, or 0.06 inch below the normal. The rainfall was generally light until the 24th, when copious to heavy rains fell in most sections; the amounts were badly distributed, as a whole, ranging from over 5 inches in the upper Piedmont, the lower coastal plain, and the lower Savannah drainage basin to less than 2 inches in a considerable area of the central counties and the upper coastal plain, and to less than 1 inch in sections of Sumter and Florence Counties. The greatest local monthly amount at any station was 6.35 inches at Caesar's Head; least local monthly amount, 0.70 inch at Wedgefield. The greatest 24-hour amount at any station was 3.00 inches at Greenville on the 24-25th. The average number of rainy days 60% above normal.

Severe thunderstorms and destructive winds occurred in sections of Abbeville, Anderson, Greenville, Laurens, and Spartanburg Counties between 5:40 and about 7:30 a. m. on the 25th. The path ranged from 300 yards to 4 or 5 miles in width and was about 50 miles in length. While tornadic conditions were apparent at Starr, in southern Anderson County, only straight winds were reported, but a funnel cloud was observed at Owings, in northern Laurens County. Small hail was reported at Princeton, Woodruff, Owings, and Laurens. Five persons were injured—two at Starr, two at Owings, and one at Gray Court. Approximate damage by the storms, $109,300, the greatest amounts being in northern Abbeville, southern Anderson, and northern Laurens Counties.

NOV 30 1925

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 8.2 miles. The highest average velocity was 11.1 miles per hour at Charleston; the lowest average was 4.8 miles per hour at Charlotte, N. C., and in the Section proper. 7.0 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the west at Due West on the 25th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 212.9 hours, or 58% of the possible amount. The average number of clear days was 15; partly cloudy, 7, and cloudy, 9, as against normals of 18, 6, and 7 days, respectively.

RIVER CONDITIONS.

On account of prolonged drought, the rivers of the Section continued unusually low until the showers about the 25th, which materially relieved the hydro-electric power situation. The Congaree River at Columbia was below zero of the gage until the 26th, and the Pee Dee River at Cheraw was below zero of the gage until the 27th.

MISCELLANEOUS PHENOMENA (dates).

Frost, killing or freezing temperature—11th, 11 stations; 20th, 2; 21st, 2; 29th, 2.

Sleet.—Landrum, 30.

Halos—Lunar: Charleston, 2; Columbia, 1, 4; Due West, 29; Greenville, 25, 29; Laurens, 1; Santuck, 28, 29; Walhalla, 1. *Solar:* Columbia, 15; Due West, 5, 12, 15, 16; Greenville, 29.

MISCELLANEOUS DATA FOR OCTOBER, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.04	53.6	78	26	2.74	0.60	8.7	se.	84	66	69	44
Augusta, Ga.....	30.03	65.8	93	41	3.60	1.94	5.7	nw.	80	58	70	63
Charleston, S. C...	30.02	68.8	92	46	3.08	2.21	11.1	sw.	80	63	74	63
Charlotte, N. C ...	30.03	59.4	87	31	2.98	1.02	4.8	ne.	78	55	63	56
Columbia, S. C....	30.03	65.0	92	39	1.14	0.38	7.0	ne.	81	53	64	58
Due West, S. C....	30.06	61.0	89	35	3.51	1.18	8.9	sw.	78	58	....	58
Greenville, S. C...	30.02	59.8	88	34	4.71	3.00	9.3	ne.	78	62	67	61
Savannah, Ga.....	30.02	69.7	94	45	3.32	2.19	10.9	ne.	81	57	72	61
Wilmington, N. C.	30.03	64.5	88	38	3.61	0.77	7.2	n.	79	61	74	55
Means and extremes.....	30.03	63.1	93	26	3.19	3.00	8.2	ne.	80	59	69	58

Climatological Data for October, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	41	68 9	+3.9	94	16	40	20	43	3.95	+1.10	1.35	0	6	20	3	8	...	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	68. 8	+1.0	92	5	46	29	24	3.08	−0.85	2.21	0	10	12	11	8	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	43	63.5	+1.4	93	† 5	30	11	46	1.93	−0.88	0.78	0	5	...	...	...	.....	Roland D. Powe.
Conway	Horry	25	35	66.3	+1.5	94	17	32	11	42	2.76	−0.46	1.11	0	10	13	5	13	se.	Paul Quattlebamm.
Darlington	Darlington	175	30	64.4	+0.7	95	† 5	30	11	45	0.89	−2.22	0.20	0	8	17	1	13	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	.....	0.75	−2.23	0.22	0	5	...	...	...	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	39	66.8	+2.6	92	7	32	21	41	3.46	+0.69	1.02	0	8	...	...	...	.....	Henry C. Savage.
Florence 1	Florence	136	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	.....	H. K. Gilbert.
Florence 2	do	136	10	.....	.....	.....	.....	.....	.....	.....	1.31	−1.75	0.87	0	2	15	9	7	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	q68.6	.....	97	7	q34	11	q41	5.03	.....	2.42	0	12	12	17	2	.....	Maner B. Robert.
Georgetown	Georgetown	18	32	‖66. 8	+0.5	98	5	‖35	11	‖48	2.12	−1.06	0.82	0	4	23	7	1	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	43	67.4	+2.9	94	† 7	34	21	50	1.66	−1.19	0.80	0	7	18	2	11	s.	Mrs. Ellen Scott.
Marsh Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	1.02	.....	0.65	0	3	...	...	...	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	68.7	.....	91	† 7	35	21	38	4.80	.....	1.54	0	10	16	6	9	w.	U.S. Fisheries Station.
Paris Island	Beaufort	13	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	.....	.....
Pinopolis	Berkeley	54	78	66.1	+1.7	88	†16	38	11	.....	2.80	−0.24	1.00	0	8	13	7	11	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	2.49	+0.03	0.70	0	6	...	...	...	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	66.8	+1.6	92	18	35	11	38	3.57	+1.23	1.45	0	6	7	22	2	.....	R. L. Utsey.
Society Hill	Darlington	192	34	h65. 0	+2.4	c95	† 5	h29	11	h46	2.56	−0.49	1.69	0	9	18	5	8	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	67.2	+1.5	95	7	32	11	54	4.26	+0.79	1.80	0	9	11	13	7	ne.	D. P. Dehon.
Wedgefield	Sumter	249	35	66.6	+2.9	94	† 5	36	11	47	0.70	−2.15	0.40	0	4	24	4	3	w.	W Hampton Ramsey.
Yemassee	Hampton	24	36	68.4	+2.8	94	† 7	33	11	52	4.06	+1.22	2.52	0	8	16	0	15	ne.	W. C. Hutson.
Division means and extremes		.....	....	66.9	+2.1	98	5	29	11	54	2.66	−0.32	2.52	0	7	15	8	8	ne.	
Western Portion.																				
Aiken	Aiken	527	63	67.4	+3.6	93	8	41	20	41	5.07	+2.34	2.17	0	7	13	2	16	sw.	Frank B. McCoy.
Anderson	Anderson	764	32	62.0	−1.4	91	7	35	29	41	3.18	−0.40	1.19	0	10	18	1	12	w.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	2.02	−0.54	0.98	0	9	...	...	...	.....	Esther B. Owens.
Cesars Head††	Greenville	3118	1	54.8	.....	84	8	26	†29	39	6.35	.....	1.50	0	7	7	10	14	.....	Cesar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	61.7	.....	93	8	32	29	43	3.23	+0.17	0.85	0	9	18	4	9	w.	L. M. Parker.
Camden	Kershaw	222	75	67.0	+4.4	94	8	34	†11	47	2.27	−0.35	0.68	0	9	21	0	10	ne.	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	.....	2.22	−1.39	0.98	0	9	...	...	...	.....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	1.48	−1.10	0.80	0	9	...	...	...	.....	George V. Clamp.
Chester††	Chester	487	3	a62.9	.....	a89	† 8	a33	11	a55	3.23	.....	1.05	0	9	18	3	10	ne.	J. C. Cornwell.
Clemson College	Oconee	850	33	d63.2	+1.6	d90	7	d30	20	d45	5.84	+2.47	2.30	0	9	16	7	8	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	65.0	+0.7	92	7	39	29	29	1.14	−1.71	0.38	0	8	13	8	10	ne.	U. S. Weather Bureau.
Due West	Abbeville	711	11	61.0	−1.4	89	7	35	11	33	3.51	+1.77	1.18	0	9	13	6	12	sw.	U. S. W. B. Aerological St.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	.....	.....	.....	2.35	−0.33	0.80	0	4	...	...	...	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	3.22	+0.28	1.90	0	8	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	59.8	−0.4	88	7	34	29	26	4.71	+1.51	3.00	0	13	14	6	11	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	61.1	−1.1	88	8	33	20	37	3.03	+0.19	0.85	0	9	17	0	14	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	h62.2	−0.2	c90	4	h33	†20	h37	2.20	−0.25	0.90	0	7	13	3	15	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	9	63.5	.....	91	17	30	11	51	2.11	.....	0.52	0	8	16	0	15	sw.	John W. Hamel.
Landrum	Spartanburg	1063	10	60.3	−2.2	91	7	29	29	49	5.36	+1.17	1.81	0	13	16	7	8	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	61.8	.....	91	7	32	11	48	2.82	.....	1.02	0	12	13	12	6	n.	L. G. Roff.
Liberty	Pickens	900	25	a59.8	−1.2	a93	7	a29	21	a53	5.22	+1.27	2.04	0	7	13	6	12	sw.	O. F. Boggs.
Little Mountain	Newberry	711	32	h62.2	−2.2	h90	7	h31	21	h38	1.42	−1.48	0.43	0	5	16	2	13	ne.	Miss Alberta Sease.
Newberry	Newberry	502	21	63.0	−0.6	92	7	33	20	46	2.14	−0.42	0.77	0	13	12	8	11	w.	John H. Baxter.
Pelzer	Anderson	850	21	.....	.....	.....	.....	.....	.....	.....	3.06	−0.44	1.32	0	8	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	64.3	+0.5	92	7	30	11	41	2.31	−0.72	0.83	0	11	11	12	8	s.	W. S. Crout.
Santuck	Union	512	32	61.4	−0.7	88	† 5	30	†11	50	2.16	−1.08	0.97	0	10	13	11	7	nw	E. W. Jeter.
Spartanburg	Spartanburg	875	48	58.8	−0.3	92	7	32	11	48	2.90	+0.09	1.30	0	8	...	...	...	.....	F. P. Robinson.
Trenton	Edgefield	620	32	65.4	+3.1	94	7	36	20	43	2.33	−0.76	0.56	0	7	12	10	9	ne.	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	d58.2	−2.6	d88	7	28	20	d50	5.20	+1.72	1.68	0	13	15	8	8	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	31	.....	.....	.....	.....	34	11	.....	1.71	−1.39	0.42	0	7	12	10	9	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	25	62.4	0.0	89	† 5	32	29	47	2.27	−0.58	0.87	0	8	9	16	6	ne.	W. T. Clawson.
Division means and extremes		.....	....	62.0	−0.6	94	† 7	26	†29	55	3.10	+0.07	3.00	0	9	15	6	10	ne.	
Section means and extremes		.....	....	63.9	+0.4	98	5	26	†29	55	2.93	−0.06	3.00	0	8	15	7	9	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

August, 1925.—Chester, mean temperature, page 30, should be 79.4. Landrum, minimum temperature, date, page 30, should be 23d. Walhalla, minimum temperature, page 30, should be 56 oa 2d.

September, 1925.—Greenville, percentage of possible sunshine, Miscellaneous Data, page 33, should be 72.

Daily Precipitation for October, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto			1.35										.30		.15									.36		.68	.15					3.95
Charleston ***	Coast	.07	.01	T.						.30				.04	.01				.39	.03					T.	.02	T.	.34	1.87	T.	T.	T.	3.08
Cheraw ‖‖	Pee Dee			T.						T					T.	T			.56	.16					.22	.78	.21						1.93
Conway ‖‖	Waccamaw			.09					.04						.06					.90					.06	.11	.10	T.	1.11	.06	.23		2.76
Darlington ‖‖	Pee Dee			.08					.12	.03										.20					.18	.08	.18	T.				.02	0.89
Effingham ‖‖	Lynches			T.					.11											.10					.13		.19	T	.22			T.	0.75
Ferguson ‖‖	Santee			.42						.81					.11					1.02					.12		.43	.03	.52				3 46
Florence 1 ‖‖	Pee Dee																																
Florence 2 ‖‖	do			T.					.87											T.						.44						T.	1.31
Garnett	Savannah		.05	.01						.50					.80	.02			.70	.10					.03	.29	.06	.05	2.42				5.03
Georgetown	Coast								.48									.60							T.	.22	T.		.82				2.12
Kingstree ‖‖	Black			.06							.10									.31					.05	.10	.24		.80				1.66
Mars Bluff	Pee Dee								.65											.15									.22				1.02
Orangeburg	Edisto		.89	.55						1.54					.19	T.			.02	.04					.23	.69	.01		.64			T.	4.80
Paris Island	Coast																																
Pinopolis	Cooper		.10											.36					.37						.20	.22	.15	1.00	.40				2.80
Rimini ‖‖	Santee			.12							.70									.15						.28	.70		.54				2.49
St. George	Edisto			1.45											.40					.20					T.	.30	.07	T.	1.15				3.57
Society Hill ‖‖	Pee Dee		.05						.17	.05				1.69				.08	.13						.12		.25				.02		2.56
Summerville	Ashley			.15											.85				.52	.12					.15	.52	.05	.10	1.80				4.26
Wedgefield	Wateree																							.40	.20	.05		.05					0.70
Yemassee ‖‖	Ashepoo		T.	.14						.23					.36					.41						T.	.25	.05	2.52	.10			4.06
Western Portion.																																	
Aiken	Edisto			1.11						2.17					.57			.37	.08						.43	.34							5.07
Anderson	Savannah		.45	.06						.08				.05	.09				.14						.98	1.19					.12	.02	3.18
Blairs ‖‖	Broad			.25					.03	.05						.06			.10	.10					.41	.98	.04						2.02
Cesar's Head	Saluda			.28					.45						1.50		1.25	.29							1.20	1.38							6.35
Calhoun Falls ‖‖	Savannah			.70					.20	.10						.30	.11		.06	.71					.85	.20							3.23
Camden ‖‖	Wateree			.20					.68	.05									.23	.20					.21	.30	.38	.02					2.27
Catawba ‖‖	Catawba									.25	.05				.06					.29					.40	.98	.04	.03				.12	2.22
Chappells ‖‖	Saluda			.03						.08					.10	.08		.05	.12						.20	.80	.07					.03	1.48
Chester	Broad		.10	.50						.80			.10					.10		.20					1.05	.36					.08		3.23
Clemson College	Savannah		.51	.08						.37				.03	.50				.03						2.00	2.30					.02		5.84
Columbia ***	Congaree		.16	T.						.02				.07	T.	T.		.23	.12	.01					.38	.15	T				T		1.14
Due West ***	Savannah		.47					T.		T.				.06	.66	.01	T.	T.	.56						1.18	.51	T.				.05	.01	3.51
Edgefield ‖‖	Savannah			.80											.55										.45		.55						2.35
Gaston Shoals ‖‖	Broad			.25						.06					.20					.20					.47	1.90	.02					.12	3.22
Greenville ***	Saluda		.17						.08	.11				.01	.31	.01	.16	.02	.02						2.09	1.65	.01				.07		4.71
Greenwood ‖‖	do			.42											.07	.67	.05			.20					.62	.85	.06					.09	3.03
Heath Springs	Wateree								19						.12			.20	.16						.90	.60	.03						2.20
Kershaw ‖‖	Lynches			.19						.24						.08			.43	.16					.27	.52	.22						2.11
Landrum	Broad		.12	.20				.16	.07	.04					1.72	.09	.16	.10							.76	1.81					.06	.07	5.36
Laurens	Saluda		.18	.04						.08					.41	.09	T	.02	.48	.02					1.02	.45	.01				.02		2.82
Liberty	Savannah		.34							.24				.02	.40										2.04	1.98					.20		5.22
Little Mountain	Saluda													T.				.22	.15						.57	.43	.05						1.42
Newberry	Saluda		.17	.09						.05				.05	.10	.05		.03	.06						.77	.65	.06					.03	.03	2.14
Pelzer ‖‖	do			.24					T.	24				T.	.04	.16			.02	T.					.92	1.32	T.					.12	3.06
Saluda	do		.16	.13					.03					T	.12	.05		.20	.07	.03					.67	.83	.02				T.		2.31
Santuck	Broad		.12	.06				.04		.32				T.	.07	T.			.19	.02					.97	.40	T.				.02		2.16
Spartanburg ‖‖	do		.30						.15							.30		.05	.18						.50	1.30					.12		2.90
Trenton	Edisto		.28	.28										.52	.04				.10						.55	.50							2.83
Walhalla	Savannah		.39	.05					.14	.15				.12	1.02	.05	.10	.06	.05						1.31	1.68					.08		5.20
Winnsboro ‖‖	Broad			.21					T.	.10								.29	.10						.42	.34	.25						1.71
Winthrop College	Catawba			.20						.10					.02				.21	.04					.87	.66						.17	2.27

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	61.4	91	30	5.96	8				n.
1888	59.3	88	31	4.18	7				sw.
1889	60.8	88	27	1.65	3				n.
1890	63.0	90	22	4.06					
1891	60.2	92	28	1.63					nw.
1892	63.8	89	27	0.60					ne.
1893	64.4	90	25	4.92	5	18	7	6	ne.
1894	64.2	98	33	4.95	5	20	6	5	ne.
1895	61.3	95	28	1.15	3	20	7	4	ne.
1896	61.3	91	28	1.41	4	15	8	8	ne.
1897	65.8	96	35	3.23	5	14	8	9	ne.
1898	62.9	90	28	3.82	9	14	8	9	ne.
1899	64.2	91	34	5.00	6	14	7	10	ne.
1900	67.6	95	33	3.65	9	13	7	11	ne.
1901	62.4	92	29	0.89	3	22	6	3	ne.
1902	63.2	95	30	4.40	7	19	5	7	ne.
1903	62.0	93	25	2.63	5	18	6	7	n.
1904	62.4	98	26	1.10	3	23	5	3	ne.
1905	64.2	93	29	1.97	6	15	6	10	ne.
1906	61.9	90	24	3.69	7	14	6	*11	ne
1907	61.2	91	28	0.73	3	19	7	5	ne.
1908	62.0	89	35	4.22	6	19	6	6	ne.
1909	61.2	96	27	2.43	5	23	5	3	ne.
1910	66.5	100	22	4.39	6	20	7	4	ne.
1911	67.5	99	37	5.89	8	12	9	10	ne.
1912	65.0	94	32	2.21	5	18	4	9	ne.
1913	62.5	95	28	3.56	6	19	6	6	ne.
1914	64.7	92	26	3.44	8	13	7	11	ne.
1915	67.0	93	27	4.95	8	18	7	6	ne.
1916	64.0	92	31	2.54	5	16	7	8	ne.
1917	59.3	90	22	1.50	4	23	5	3	sw.
1918	67.3	93	33	3.75	5	15	8	8	ne.
1919	73.7	101	44	2.53	5	13	10	8	sw.
1920	64.1	92	25	0.76	2	24	4	3	ne.
1921	62.6	90	27	1.79	4	21	4	6	ne.
1922	64.5	94	31	5.57	8	18	5	8	e.
1923	62.9	90	29	1.14	4	18	6	7	ne.
1924	62.2	89	28	1.50	2	23	3	5	ne.
1925	63.9	98	26	2.93	8	15	7	9	ne.
Period	63.5	101	22	2.99	5	18	6	7	ne.

Daily Temperatures for October, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	90	86	89	92	90	83	95	86	85	79	75	84	85	86	86	94	93	91	84	68	69	72	73	78	84	80	70	68	54	56	54	80.0
	Minimum	67	70	69	68	66	65	68	69	67	45	41	45	65	68	70	74	73	72	71	40	41	41	42	43	50	70	65	48	39	40	41	57.8
Charleston	Maximum	81	80	81	86	92	78	88	87	84	70	66	80	86	83	88	87	87	84	79	62	65	74	68	79	79	71	67	61	55	55	53	76.0
	Minimum	68	71	70	69	74	64	70	69	66	56	48	61	70	70	75	73	76	69	62	47	47	50	46	65	68	61	57	50	46	47	46	61.6
Cheraw§§§	Maximum	82	82	86	91	93	93	91	69	83	64	70	84	88	77	85	92	93	73	77	62	65	70	68	72	74	56	65	69	54	50	54	75.2
	Minimum	57	60	62	59	65	51	68	58	59	45	30	42	62	61	70	67	68	66	60	36	36	42	33	52	62	48	40	42	34	33	38	51.8
Conway	Maximum	83	83	86	89	93	80	93	80	82	80	68	83	85	83	88	91	94	88	79	65	68	72	69	76	79	73	69	67	60	51	56	77.8
	Minimum	61	63	67	60	70	54	58	62	67	49	32	43	60	67	73	69	74	64	63	41	35	38	36	52	70	53	49	49	39	41	42	54.9
Darlington§§§	Maximum	88	88	86	90	95	95	95	65	83	64	70	84	87	84	86	93	92	78	81	62	67	63	70	86	77	57	70	72	56	50	59	77.2
	Minimum	60	61	64	58	69	51	55	60	60	47	30	44	57	64	64	65	71	69	63	36	34	40	33	41	55	50	42	48	36	37	39	51.7
Ferguson§§§	Maximum	89	84	89	87	91	86	92	80	81	72	74	82	85	85	90	91	90	89	81	73	66	74	70	80	80	79	81	68	66	50	58	79.5
	Minimum	62	64	67	62	60	57	60	61	62	51	36	34	64	64	73	66	73	68	64	42	32	37	38	46	55	56	49	54	43	40	42	54.3
Florence 1	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Garnett	Maximum	87	89	84	90	94	87	97	93	85	79	74	85	90	87	90	92	94	84	80	72	68	76	75	85	83	68	72	69	60	57	52	80.6
	Minimum	....	65	68	67	76	58	62	64	65	50	34	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	48	45	45	46	[a]56.6
Georgetown	Maximum	....	88	90	91	98	....	....	....	83	78	67	83	84	85	90	....	93	89	81	74	68	74	70	80	....	....	70	65	64	63	54	[a]78.0
	Minimum	75	74	67	61	71	56	61	66	61	49	35	48	65	66	69	67	74	69	64	41	36	43	39	54	62	46	42	40	39	39	40	55.5
Kingstree	Maximum	86	88	87	90	93	84	94	87	82	81	72	83	86	85	89	93	94	86	80	74	67	74	70	79	79	71	68	69	64	52	55	79.3
	Minimum	62	65	66	62	69	58	60	65	61	50	33	46	64	67	74	69	73	65	64	42	34	39	37	55	69	55	48	46	40	42	42	55.5
Orangeburg 1	Maximum	84	85	82	87	89	86	91	85	81	80	70	82	84	83	85	91	91	87	78	71	64	72	71	79	79	68	66	68	63	52	49	77.5
	Minimum	61	65	66	62	70	57	62	65	63	49	48	46	62	67	72	68	71	69	63	40	35	40	39	56	67	54	48	46	40	43	42	59.9
Paris Island§§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. George	Maximum	85	87	83	89	91	84	94	84	85	65	73	84	87	88	88	91	92	91	82	62	68	75	74	81	82	65	69	72	59	58	49	78.6
	Minimum	63	65	67	63	66	58	59	65	65	51	35	47	51	67	68	68	69	70	65	42	36	39	39	44	60	57	51	47	42	42	43	55.0
Society Hill§§§	Maximum	85	84	85	94	95	83	95	65	84	63	70	84	91	81	85	95	93	73	81	64	....	....	68	74	76	70	71	....	50	55	48	[c]77.2
	Minimum	57	55	59	58	65	49	49	60	59	45	29	....	63	63	60	67	64	61	....	....	....	....	....	....	....	53	49	41	34	34	38	[b]52.7
Summerville	Maximum	85	87	85	90	94	84	95	88	88	73	74	86	89	87	89	92	93	85	83	66	69	77	77	83	82	69	70	63	60	55	51	79.6
	Minimum	61	63	61	62	70	52	60	61	63	46	32	46	61	65	71	67	70	66	63	42	35	40	40	55	69	55	52	47	41	41	44	54.9
Wedgefield	Maximum	85	83	86	89	94	88	91	85	85	78	70	83	86	87	85	93	92	82	80	66	73	70	78	76	70	68	72	62	52	54	55	78.1
	Minimum	59	62	65	62	69	55	63	62	61	48	36	48	64	72	70	69	72	68	63	35	43	37	54	66	52	46	47	38	40	40	42	55.1
Yemassee	Maximum	86	87	85	90	94	88	94	92	86	80	75	85	90	86	89	93	94	83	81	75	68	75	77	85	84	69	69	71	62	56	53	80.7
	Minimum	64	63	67	62	67	57	61	65	64	50	33	49	60	66	72	68	70	66	64	42	34	40	40	56	68	54	54	48	45	46	45	56.1
Western Portion.																																	
Aiken	Maximum	84	80	84	87	88	88	89	93	88	81	71	83	82	82	84	87	88	86	77	72	63	72	70	77	75	69	65	69	65	53	49	77.5
	Minimum	63	65	64	62	65	60	63	67	67	48	42	58	61	63	72	73	70	69	63	41	42	46	46	60	63	58	46	48	33	44	42	57.2
Anderson	Maximum	83	78	81	85	88	78	91	83	81	65	68	79	79	71	80	84	82	69	70	59	61	69	64	63	70	59	61	66	58	48	46	71.3
	Minimum	63	62	64	61	69	54	63	64	63	42	38	52	61	60	62	68	68	59	56	34	37	45	39	49	58	47	44	41	35	38	38	52.7
Caesar's Head	Maximum	70	64	75	77	78	69	84	70	72	50	60	70	74	62	71	68	74	69	66	52	54	58	53	62	65	53	58	58	45	49	...	[a]64.3
	Minimum	55	56	55	57	62	48	50	57	57	33	35	44	54	58	59	59	64	54	46	27	30	32	33	35	52	44	35	35	26	26	29	45.4
Calhoun Falls§§§	Maximum	74	78	84	90	89	84	88	93	83	64	72	83	85	72	80	88	88	86	73	62	64	72	70	73	75	58	62	70	55	45	41	74.2
	Minimum	59	59	63	64	58	53	53	59	61	40	33	33	46	61	64	65	66	69	60	31	32	38	37	37	54	58	39	33	32	33	36	49.2
Camden§§§	Maximum	90	86	90	89	81	81	94	85	85	69	80	80	88	88	88	92	91	81	81	78	77	90	80	80	75	86	81	84	87	85	84.0	
	Minimum	59	59	62	61	63	55	56	62	62	55	34	37	45	64	64	59	61	62	61	35	34	37	36	35	45	44	40	40	41	42	44	50.1
Chester	Maximum	86	86	83	82	81	80	86	89	88	88	82	84	84	86	88	89	85	81	68	71	72	72	75	85	82	72	65	64	67	68	....	[a]77.1
	Minimum	63	64	60	60	62	55	60	59	45	44	33	40	40	61	65	69	68	55	55	36	38	36	35	60	56	49	34	33	37	37	....	[a]48.7
Clemson College	Maximum	79	88	81	85	86	82	90	88	81	78	66	78	81	74	80	82	84	71	71	65	....	....	....	....	70	65	60	64	64	49	48	[d]74.3
	Minimum	62	61	64	65	65	50	57	64	64	40	38	44	60	59	60	66	70	58	55	30	....	....	....	....	50	44	39	35	35	39	38	[d]52.1
Columbia	Maximum	81	78	84	87	89	80	92	76	85	64	69	81	85	80	84	88	89	74	78	59	64	70	67	75	74	60	64	68	54	49	49	74.1
	Minimum	63	63	66	65	68	57	66	63	62	48	42	52	66	67	72	72	72	66	52	40	41	45	42	57	57	52	46	47	39	41	41	55.8
Due West	Maximum	80	69	79	84	86	78	89	83	81	61	68	78	82	71	78	84	84	65	70	57	59	67	65	70	72	57	60	64	49	43	45	70.3
	Minimum	63	62	65	61	63	54	61	63	54	44	35	49	61	60	69	68	64	60	45	37	36	44	39	50	50	48	44	40	36	38	39	51.7
Greenville	Maximum	78	66	82	83	83	76	88	78	78	59	64	76	80	68	78	80	81	62	69	57	58	65	60	61	69	58	60	63	47	42	46	68.2
	Minimum	64	62	63	62	61	55	62	63	53	44	38	54	62	56	61	67	62	59	45	36	41	43	40	46	51	47	44	42	34	36	37	51.3
Greenwood	Maximum	78	78	70	70	83	85	76	88	79	81	61	67	78	81	71	77	85	86	66	70	69	61	68	68	65	69	57	66	66	55	44	71.5
	Minimum	59	59	63	62	63	53	54	62	62	45	37	47	52	62	63	68	67	63	58	33	35	40	36	37	55	49	43	38	35	35	38	50.9
Heath Springs	Maximum	80	79	80	90	88	80	...	....	....	70	77	80	80	80	79	87	88	88	75	65	70	68	68	61	68	63	64	66	50	49	49	[c]72.9
	Minimum	57	60	61	63	....	....	....	....	....	....	....	....	64	60	69	68	69	64	55	33	39	38	36	50	60	48	45	40	33	35	35	[b]51.4
Kershaw	Maximum	84	80	84	85	90	82	93	75	83	73	69	81	85	79	82	90	91	78	76	60	64	68	68	68	72	64	65	68	56	53	51	74.5
	Minimum	58	61	62	62	62	51	64	63	61	44	30	49	63	62	69	70	69	65	57	34	38	43	34	51	63	48	46	42	33	34	38	52.5
Landrum	Maximum	77	72	83	83	81	77	91	80	80	63	65	80	82	82	82	83	82	66	69	59	80	61	60	59	68	59	62	65	60	41	48	71.0
	Minimum	64	63	62	51	65	49	59	62	63	42	31	47	49	57	57	66	66	58	53	36	38	41	34	46	57	45	44	33	29	35	36	49.6
Laurens	Maximum	80	74	82	86	88	79	91	83	81	69	70	80	88	79	80	85	85	72	72	58	61	69	68	68	71	59	62	66	55	43	45	72.1
	Minimum	61	61	64	60	67	54	58	63	63	44	32	44	63	60	64	69	72	61	55	34	34	41	36	50	58	47	43	38	35	37	38	51.8
Liberty	Maximum	...	77	69	83	84	89	83	83	89	84	64	67	77	81	71	80	80	79	82	72	60	61	69	60	68	67	50	55	65	48	41	[a]71.3
	Minimum	....	60	59	65	55	49	63	66	53	52	31	45	46	58	55	56	63	62	55	56	29	36	36	35	45	48	39	36	31	39	35	[a]48.2
Little Mountain	Maximum	86	84	80	89	8[a]	78	90	86	83	70	69	78	88	....	....	....	87	88	80	74	64	67	69	65	73	72	58	62	65	59	50	[b]73.8
	Minimum	62	58	61	62	68	52	61	59	64	43	38	49	50	....	....	....	65	71	60	58	35	31	42	37	52	50	52	44	38	33	35	[b]50.5
Newberry	Maximum	82	81	82	86	88	80	92	80	84	68	70	80	83	73	80	88	90	71	75	60	63	71	69	71	73	60	63	55	55	45	46	73.0
	Minimum	59	60	65	61	68	54	61	62	63	44	34	48	63	65	70	69	70	64	59	33	35	43	37	54	59	50	44	40	36	37	38	58.1
Salnda	Maximum	84	78	81	88	89	84	92	89	85	75	70	81	85	79	81	88	90	77	75	68	67	70	69	74	73	64	63	66	56	50	47	75.4
	Minimum	58	59	66	61	71	54	59	62	64	45	30	46	61	65	70	69	72	64	61	34	34	40	35	57	63	51	44	42	37	37	39	53.2
Santuck	Maximum	81	75	83	85	88	80	83	80	82	75	60	80	85	76	82	87	88	76	75	63	63	63	65	63	73	61	62	67	54	45	46	72.6
	Minimum	58	57	63	58	65	48	85	62	62	43	30	42	62	66	62	69	73	62	58	30	32	40	31	50	60	45	37	33	35	33	37	50.3
Spartanburg	Maximum	82	85	84	84	76	92	88	80	65	60	80	82	80	82	84	82	74	73	66	60	64	61	61	70	58	62	61	56	50	47	38	70.5
	Minimum	68	62	67	57	60	43	46	56	51	42	32	44	52	56	55	65	70	59	58	32	33	36	34	34	34	43	40	35	33	34	35	47.2
Trenton	Maximum	83	79	80	89	90	82	94	86	86	73	74	83	86	79	84	88	84	74	77	66	65	71	71	74	73	61	65	69	58	46	47	75.4
	Minimum	60	63	66	66	64	56	57	63	63	45	40	60	66	67	70	70	72	67	62	36	38	42	41	66	61	51	44	48	38	40	40	55.4
Walhalla	Maximum	79	70	83	85	....	77	88	....	....	66	67	80	79	69	80	81	...	65	70	60	63	67	61	58	67	61	68	56	43	47	[d]68.6	
	Minimum	62	62	61	55	64	47	48	68	63	36	30	43	59	58	59	63	61	55	48	28	31	36	34	48	55	40	35	34	31	36	35	47.9
Winnsboro§§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	58	58	63	64	66	51	58	60	61	44	34	42	53	....	....	71	63	59	35	35	35	....	....	45	45	45	44	41	34	36	....	[e]50.0
Winthrop College	Maximum	80	76	84	85	89	89	86	85	83	75	72	80	87	78	82	87	86	73	74	63	62	65	63	65	72	61	69	67	58	57	45	74.1
	Minimum	58	58	60	62	65	62	50	60	63	45	33	48	62	58	60	67	65	59	54	33	33	45	57	33	60	48	43	33	32	31	32	50.6

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 11-24-25—900

551.05
UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION

THE LIBRARY OF THE
DEC 27 1925
UNIVERSITY OF ILLINOIS

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., NOVEMBER, 1925. No. 11.

GENERAL SUMMARY.

The mean temperature was considerably below normal, with rather frequent warm and cool waves. Precipitation averaged much above normal, and the prolonged drought was effectively broken by heavy to copious rains during the first two weeks, but the stream flow was only temporarily improved.

The wet weather during the early part of the month was especially favorable for germinating winter cereals, as well as improving the soil for further plowing and planting; at the end of the month these crops showed good growth, with pasturing in some sections, and late plantings were coming to good stands. The sweet potato and peanut harvests were practically completed by the 20th. Hardy truck in the interior and tender truck in the coast counties progressed favorably. All staple crops were matured and beyond danger of damage by the freeze of the 24th. The woods were generally bare by the 26th.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.18 inches. The highest pressure was 30.61 inches at Columbia on the 17th; the lowest pressure was 29.45 inches at Charlotte, N. C., on the 12th, and in the Section proper, 29.48 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 38 stations, was 50.4°, or 3.3° below the normal. The highest temperature was 82° at Darlington, Garnett, and Society Hill on the 7th and at Blackville on the 15th. The warm periods were from the 6th to 8th, 12th to 15th, and 25th to 27th, inclusive. The lowest temperature was 15° at Caesar's Head on the 24th. The cool periods were from the 1st to 5th, 9th to 10th, 16th to 18th, 21st to 24th, inclusive, and on the 29th and 30th. The line of first general autumn killing frosts extended to the extreme lower coast on the 24th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 62%; 8 p. m., 71%. The highest percentages occurred in the coastal region, the Savannah drainage basin, and along the north-central border, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 3.81 inches, or 1.52 inches above the normal. Precipitation occurred in five fairly well defined periods, but the bulk of the month's rainfall occurred during the first two weeks. The amounts were badly distributed, ranging from 4 to over 9 inches in the middle and lower coastal plains and the higher Piedmont Counties, while in an extensive area of the interior the measurements were less than 3 inches. The greatest local monthly amount was 9.52 inches at Caesar's Head; least local monthly amount, 2.00 inches at Mars Bluff. The greatest amount during any 24 hours was 4.64 inches at Caesar's Head on the 11-12th. The rainy days averaged 40% above normal. There was no snowfall.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 8.5 miles. The highest average velocity was 12.2 miles per hour Savannah, Ga., and in the Section proper, 11.3 miles per hour at Charleston; the lowest average was 5.4 miles per hour at Charlotte, N. C., and in the Section proper, 6.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 46 miles per hour from the west at Savannah, Ga., on the 15th, and in the Section proper, 36 miles per hour from the south at Charleston on the 12th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 163.3 hours, or 52% of the possible amount. The average number of clear days was 14; partly cloudy, 5, and cloudy, 11, as against normals of 17, 6, and 7 days, respectively.

RIVER CONDITIONS.

The Saluda River was in flood at Pelzer on the 14th. Up-State rains about the 2d and 13th temporarily improved the hydro-electric power situation, but all streams were generally low during the latter half of the month.

MISCELLANEOUS PHENOMENA (dates).

Frost, killing or freezing temperature.—10th, 2 stations; 17th, 10; 23d, 2; 24th, 5.

Halos—Lunar: Charleston, 28; Columbia, 24; Due West, 24; Greenville, 30; Santuck, 30; Walhalla, 23, 30. *Solar:* Columbia, 30; Due West, 4, 7, 17, 18, 29, 30; Greenville, 4, 18, 30.

MISCELLANEOUS DATA FOR NOVEMBER, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.19	43.6	68	19	2.43	1.10	10 0	nw.	81	62	68	46
Augusta, Ga.....	30.18	53.2	78	28	3.29	1.03	5.6	nw.	85	65	74	57
Charleston, S. C...	30.16	56.2	76	32	3.09	1.58	11.3	ne.	79	63	77	55
Charlotte, N. C ...	30.18	47.9	73	22	3.37	1.66	5.4	ne.	81	66	72	53
Columbia, S. C....	30.18	51.8	76	24	2.08	0.91	6.5	n.	81	58	65	49
Due West, S. C....	30.21	48.8	73	24	3.75	1.66	8.8	ne.	81	59	...	48
Greenville, S. C...	30.16	48.6	73	24	4.06	1.77	9.5	ne.	76	62	66	49
Savannah, Ga.....	30.16	56.5	79	30	2.82	1.55	12.2	ne.	80	64	70	54
Wilmington, N. C.	30.17	53.6	76	27	2.04	1.08	7.6	n.	81	60	75	60
Means and extremes	30.18	51.1	79	19	2.99	1.77	8.5	ne.	81	62	71	52

Climatological Data for November, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Blackville	Barnwell	296	41	54.2	−1.4	82	15	24	24	40	4.45	+2.45	2.00	0	7	17	1	12	...	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	56.2	−1.9	76	8	32	24	21	3.09	+0.22	1.58	0	5	10	8	12	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	43	50.3	−1.9	78	7	21	24	49	3.36	+1.27	1.12	0	5	...	...	...	.....	Roland D. Powe.
Conway	Horry	25	35	53.6	−0.6	81	8	25	24	43	3.89	+1.68	1.60	0	8	16	0	14	ne.	Paul Quattlebaum.
Darlington	Darlington	175	30	[b]50.6	−2.1	[b]82	7	23	24	[b]44	3.60	+1.51	1.22	0	8	17	1	12	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	.....	3.03	+0.93	1.04	0	8	...	...	...	.....	Wm. B. Gillespie.
Fergnson‡‡	Orangeburg	63	39	[a]52.6	−2.5	[a]76	12	29	24	[a]41	5.17	+3.00	1.75	0	9	...	...	...	.....	Henry C. Savage.
Florence 1	Florence	136	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. K. Gilbert.
Florence 2	.....do	136	10	.....	.....	.....	.....	.....	.....	.....	3.21	+1.12	1.37	0	7	17	2	11	n.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	54.9	.....	82	7	25	24	47	4.46	.....	2.08	0	5	13	11	6	ne.	Maner B. Robert.
Georgetown	Georgetown	18	32	[c]54.0	−2.1	80	8	[c]22	25	[c]40	2.85	+0.50	1.55	0	4	17	8	5	nw.	A. P. Hazard.
Kingstree	Williamsburg	54	43	54.0	−0.7	78	8	25	24	43	5.46	+3.41	1.94	0	7	16	4	10	n.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	2.00	.....	0.60	0	4	...	...	...	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	[a]52.8	.....	[a]79	7	[a]25	24	[a]42	3.54	.....	1.30	0	5	11	8	11	ne.	U.S. Fisheries Station
Paris Island	Beaufort	13	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pinopolis	Berkeley	54	78	.....	.....	.....	.....	.....	.....	.....	4.00	+1.56	1.32	0	8	...	...	...	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	3.40	+1.80	1.35	0	6	...	...	...	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	53.0	−3.6	80	† 7	26	24	43	5.52	+3.64	2.35	0	9	12	10	8	.....	R. L. Utsey.
Society Hill	Darlington	192	34	[d]48.4	−3.8	[d]82	7	[d]21	24	[d]44	4.12	+1.95	1.48	0	6	18	5	7	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	51.3	−1.3	80	† 6	23	24	40	5.67	+3.39	3.00	0	6	14	8	8	ne.	D. P. Dehon.
Wedgefield	Sumter	249	35	52.4	−1.5	80	7	24	24	39	3.75	+1 53	1.43	0	6	19	6	5	w.	W Hampton Ramsey.
Yemassee	Hampton	24	36	54.7	−0.8	81	7	23	24	51	5.16	+3.10	1.80	0	6	14	2	14	ne.	W. C. Hutson.
Division means and	extremes	.....	....	53.1	−1.6	82	† 7	21	21	47	3.98	+1.85	2.35	0	6	15	5	10	ne.	
Western Portion.																				
Aiken	Aiken	527	63	54.4	+0.3	79	6	29	24	40	3.74	+1.17	1.47	0	5	13	1	16	nw.	Frank B. McCoy.
Anderson	Anderson	764	32	50.0	−2.8	73	14	24	24	36	3.52	+0.82	1.19	0	9	13	1	16	w.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	2.55	+0.29	1.14	0	9	...	...	...	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	1	44.2	.....	66	14	15	24	41	9.52	.....	4.64	0	6	11	4	15	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	47.6	.....	76	8	19	†24	44	3.85	+1.44	1.70	0	9	12	6	12	e.	L. M. Parker.
Camden	Kershaw	222	75	.....	.....	.....	.....	23	†24	.....	2.53	+0.18	0.64	0	11	18	0	12	sw.	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	.....	3.07	+0.67	1.58	0	2	...	...	...	....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	2.04	−0.17	0.91	0	10	...	...	...	.....	George V. Clamp.
Chester	Chester	487	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	33	48.6	−2.1	77	7	18	24	41	5.01	+2.27	2.15	0	7	11	8	11	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	51.8	−2.2	76	7	24	24	31	2.08	−0.15	0.91	0	7	12	5	13	n.	U. S. Weather Bureau.
Due West	Abbeville	711	11	48.8	−4.8	73	7	24	24	28	3.75	+1.89	1.66	0	10	10	4	16	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	...	.....	.....	3.30	+1.18	0.80	0	6	...	...	...	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	3.44	+0.76	1.42	0	7	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	48.6	−1.0	73	7	24	24	25	4.06	+0.96	1.77	0	10	12	3	15	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	48.7	−3.3	74	8	22	24	42	3.42	+0.73	1.12	0	10	14	0	16	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	48.8	−3.1	73	7	22	24	33	2.14	−0.05	0.72	0	6	15	1	14	n	J. Marvin Bowers.
Kershaw	Kershaw	500	9	50.7	.....	77	7	20	24	34	2.27	.....	0.90	0	6	17	0	13	e.	John W. Hamel.
Landrum	Spartanburg	1063	10	47.3	−3.4	76	8	19	24	41	5.27	+2.60	2.29	0	8	14	7	9	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	49.0	.....	75	7	20	24	41	3.80	.....	1.29	0	8	14	9	7	n	L. G. Roff.
Liberty	Pickens	900	25	[d]47.1	−3.8	[d]72	7	[d]20	24	[d]40	3.25	−0.42	1.60	0	5	13	6	11	.....	O. F. Boggs.
Little Mountain	Newberry	711	32	50.7	−3.2	75	7	23	24	38	2.70	+0.34	1.10	0	5	13	5	12	n.	Miss Alberta Sease.
Newberry	Newberry	502	21	50.3	−2.0	78	7	21	24	42	2.70	+0.14	1.01	0	9	12	5	13	w.	John H. Baxter.
Pelzer	Anderson	850	21	.....	.....	.....	.....	.....	.....	.....	5.06	+2.49	1.24	0	12	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	50.6	−2.1	78	13	21	24	41	2.99	+0.63	1.43	0	7	12	8	10	n.	W. S. Crout.
Suntuck	Union	512	32	46.5	−4.7	68	† 7	17	24	41	4.02	+1.28	1.25	0	7	13	6	11	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	48	48.6	−2.7	74	8	19	23	38	3.92	+1.09	1.90	0	6	14	0	16	.....	F. P. Robinson.
Trenton	Edgefield	620	32	52.1	−3.9	80	14	23	24	38	3.67	+1.29	1.35	0	6	13	9	8	ne.	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	47.2	−3.6	72	14	16	24	41	6.13	+3.25	2.82	0	9	13	8	9	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	31	49.4	−3.5	77	7	21	24	39	2.77	+0.68	0.92	0	8	13	6	11	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	25	49.5	−2.2	76	14	19	24	39	4.57	+2.38	2.25	0	7	12	10	8	n.	W. T. Clawson.
Division means and	extremes	.....	....	48.7	−3.6	80	14	15	24	44	3.70	+1.19	4.64	0	8	13	4	13	n.	
Section means and	extremes	.....	....	50.4	−3.3	82	† 7	15	24	47	3.81	+1.52	4.64	0	7	14	5	11	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for November, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Blackville ‖‖	Edisto	.50	2.00							.55			.75	.50			.30										.05						4.45
Charleston ***	Coast	.33	.26	T.				.09	T.	T.		T.	1.58			.83	T.			T.	T.					T						3.09
Cheraw ‖‖	Pee Dee		1.12	.78						.28				.93			.25										T.	T.				3.36
Conway ‖‖	Waccamaw		.50	1.60						.12				1.00			.35				T	.19				.03	.10					3.89
Darlington ‖‖	Pee Dee		1.22	.28						.68				.95			.24									.04	.15	.04				3.60
Effingham ‖‖	Lynches		1.04	.39					.08	.37				.62			.20				.22						.11					3.03
Ferguson ‖‖	Santee	.61	1.52	.69					.15				.06	1.75			.33					.02					.04					5.17
Florence 1 ‖‖	Pee Dee																															
Florence 2 ‖‖	do		1.37	.25						.47				.80			.15				T						.16	.01				3.21
Garnett	Savannah	.92	.54						.22				2.08	.02		.68					T.											4.46
Georgetown	Coast	T.	.45						T.				1.55	.40		.45																2.85
Kingstree ‖‖	Black		1.00	1.94						.25				1.60			.35				.12					.20						5.46
Mars Bluff	Pee Dee		.60	.50						.40				.50																		2.00
Orangeburg	Edisto	1.30	.24	T.		T.			.44	T.			1.06			.50					T.						T.					3.54
Paris Island	Coast																															
Pinopolis	Cooper	.31	.81	.76				.17					1.32			.50				.05						.08						4.00
Rimini ‖‖	Santee		1.35	.15						.57					.78		.35									.20						3.40
St. George	Edisto	.40	2.35	.45						.07			.55	1.20			.35				.10					.05						5.52
Society Hill ‖‖	Pee Dee	1.20	1.48							.40					.88	.07										.09						4.12
Summerville	Ashley	.60	1.40						.12				3.00			.50	.05															5.67
Wedgefield	Wateree	.60	.80						.50				1.42			.25										.18						3.75
Yemassee ‖‖	Ashepoo		1.42	.45			T.			.25			.65	1.80			.59															5.16
Western Portion.																																	
Aiken	Edisto	.62	.75						.73				1.47			.17																	3.74
Anderson	Savannah	.69	.77						.26				1.19			.04	.04				.20					.18	.15					3.52
Blairs ‖‖	Broad	.06	1.14	.22					.03	.16			.03	.60												.20	.11					2.55
Cesar's Head	Saluda	1.45					.15	2.00					4.64			.63											.65					9.52
Calhoun Falls ‖‖	Savannah	.20	1.70						.40	.10			.20	.75			.10										.25	.15				3.85
Camden ‖‖	Wateree	.03	.52	.15						.40			.08	.62			.24				.03					.20	.24	.02				2.53
Catawba ‖‖	Catawba		1.58	.43						.12				.66			.10										.18					3.07
Chappells ‖‖	Saluda		.30	.07					.10	.23			.05	.91			.10									.05	.18	.05				2.04
Chester	Broad																															
Clemson College	Savannah	1.03	.60						.58				2.15			.17										.30	.18					5.01
Columbia ***	Congaree	.43	.34			T.		T.	.27				.91			.01										.06	.06					2.08
Due West***	Savannah	.97	.83			T.		.01	.32				1.14			.05				.11	.07					.14	.11					3.75
Edgefield ‖‖	Savannah		.70	.75						.70			.20	.80															.15			3.30
Gaston Shoals ‖‖	Broad		1.42				T.		.17	.20				1.20			.06			.20						.19						3.44
Greenville ***	Saluda	1.20	.57			T.	.04	T.	.26				1.54			.05				.06	.04					.23	.07					4.06
Greenwood ‖‖	do		1.12	.10					.24	07			.22	1.11			.05				.12						.20	.19				3.42
Heath Springs	Wateree	.60	.42						.22				.72								.14						.04					2.14
Kershaw ‖‖	Lynches		.67	.06						.37			.90			.15											.12					2.27
Landrum	Broad	.72	.76						.93				2.29			.13	.04									.36	.04					5.27
Laurens	Saluda	.83	1.00			T.			.18				1.29			.05					.15					.16	.14					3.80
Liberty	Savannah	1.00				T.			.35				1.60			.07			T.							.23						3.25
Little Mountain	Saluda	.35	.57						.30				1.10													.38						2.70
Newberry	Saluda	.34	.52			.02			.38				1.01			.05					.11					.22	.05					2.70
Pelzer ‖‖	do		2.35	.04					.38	.04			.30	1.24	.09		.04				.18					.06	.32	.02				5.06
Saluda	do	.20	.70			T.			.48				1.43			T.	.03				T.					.05	.10					2.99
Santuck	Broad	1.10	1.25						.16				1.15			.02					.19					T.	.15					4.02
Spartanburg ‖‖	do		1.90							.20				1.50			.02			.10						.20						3.92
Trenton	Edisto	.42	1.00						.75				1.35			.03											.12					3.67
Walhalla	Savannah	.82	.64				.08	T.	.75				2.82			.27					.08					.37	.30					6.13
Winnsboro ‖‖	Broad	.07	.92	.13		.02				.44			T.	.92							T.					.13	.14					2.77
Winthrop College	Catawba	1.05	2.25						.20				.68			.07					.18						.14					4.57

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.3	78	18	0.82	4				nw.
1888	52.7	82	22	2.77	8				
1889	54.8	84	18	3.84	6				w.
1890	58.4			0.64					
1891	51.9	82	15	2.48					ne.
1892	53.9	86	14	1.96					sw.
1893	52.9	87	15	2.11	5	14	8	8	ne.
1894	52.3	83	17	2.02	4	18	7	5	nw.
1895	54.4	88	21	2.35	6	12	8	10	ne.
1896	59.1	90	26	4.00	7	12	8	10	ne.
1897	55.3	88	23	1.99	5	16	7	7	sw.
1898	51.0	82	14	4.72	10	14	6	10	ne.
1899	55.0	86	22	2.41	5	16	6	8	ne.
1900	55.6	92	22	3.32	6	13	8	9	sw.
1901	48.2	85	17	1.01	5	21	4	5	n.
1902	59.2	89	22	3.80	6	13	7	10	ne.
1903	50.9	86	10	1.40	5	14	8	8	n.
1904	51.6	80	22	2.78	6	17	6	7	w.
1905	54.5	90	21	1.31	3	17	6	7	sw.
1906	53.8	89	20	0.96	3	18	8	4	ne.
1907	52.2	87	24	4.13	10	12	7	11	ne.
1908	56.6	88	24	1.60	3	16	10	4	sw.
1909	58.3	88	20	0.97	3	18	9	3	sw.
1910	51.1	85	24	1.04	4	20	6	4	w.
1911	51.2	83	19	3.30	8	13	7	10	ne.
1912	52.1	84	17	2.71	4	22	4	4	w.
1913	53.5	89	18	1.79	2	21	5	4	w.
1914	52.4	86	17	3.33	6	19	4	7	w.
1915	56.3	88	24	2.36	4	22	4	4	w.
1916	54.5	88	17	1.21	4	18	5	7	ne.
1917	50.4	83	16	0.82	4	21	4	5	ne.
1918	53.0	86	26	3.13	7	18	3	9	ne.
1919	56.6	92	20	0.86	3	18	6	6	ne.
1920	52.3	87	18	3.62	6	18	4	8	ne.
1921	56.9	86	24	3.11	7	13	6	11	w.
1922	54.8	88	17	0.61	3	20	5	5	ne.
1923	51.1	82	21	2.79	6	16	5	9	ne.
1924	54.4	87	21	1.35	2	23	4	3	w.
1925	50.4	82	15	3.81	7	14	5	11	ne.
Period	53.7	92	10	2.29	5	17	6	7	ne.

Daily Temperatures for November, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Blackville	Maximum	54	59	66	64	71	76	79	68	64	64	75	80	72	76	82	58	64	65	67	67	67	68	55	40	50	69	75	69	65	49	....	65.9
	Minimum	40	41	42	45	46	55	50	64	41	34	40	65	49	45	49	40	34	36	41	52	34	33	32	24	30	47	81	43	40	33	....	42.5
Charleston	Maximum	52	58	57	60	71	76	73	76	63	61	72	72	72	72	72	65	58	59	65	62	58	60	51	48	61	67	71	61	52	55	.	63.3
	Minimum	45	51	52	51	52	59	61	63	47	45	53	64	55	52	56	44	40	45	53	51	42	44	38	32	40	53	57	47	43	39	....	49.1
Cheraw§§	Maximum	48	52	55	58	66	76	78	70	56	49	72	69	70	76	70	60	56	59	76	59	62	67	48	48	58	55	67	58	49	52	....	61.3
	Minimum	37	44	45	40	47	52	54	55	35	30	36	58	52	39	42	40	28	27	35	50	33	29	34	21	27	48	43	40	30	29	....	39.3
Conway	Maximum	54	57	58	62	75	76	78	81	70	63	75	71	73	76	74	66	60	59	67	63	63	64	54	46	59	56	71	68	51	57	....	64.9
	Minimum	41	47	50	47	46	56	53	65	39	32	41	54	55	39	41	44	29	31	40	53	35	31	38	25	26	49	50	43	32	33	....	42.2
Darlington §§	Maximum	48	54	57	59	76	78	82	70	59	64	78	70	....	....	71	58	60	58	67	59	64	67	49	49	58	50	69	60	53	56	....	[b]62.2
	Minimum	39	40	47	45	45	51	52	56	36	30	35	46	54	43	40	40	38	31	33	43	33	29	35	23	24	35	44	43	30	29	....	39.0
Ferguson §§	Maximum	61	55	60	64	74	71	73	69	66	72	74	76	71	71	69	66	58	62	63	59	61	64	44	48	58	71	65	72	65	....	....	[a]64.9
	Minimum	40	42	46	45	47	43	51	47	41	31	37	52	55	38	43	40	30	33	38	47	33	34	33	29	30	44	52	41	30	33	....	40.2
Florence 1	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Garnett	Maximum	50	55	58	61	74	81	82	78	64	67	78	72	73	80	65	55	62	63	67	66	63	66	59	50	64	74	75	66	55	57	....	66.0
	Minimum	42	45	52	48	48	56	55	60	46	37	47	60	53	39	46	40	31	37	50	52	35	32	35	25	27	47	51	45	38	35	....	48.8
Georgetown	Maximum	53	61	60	64	75	78	79	80	74	62	75	73	73	61	73	69	62	60	67	63	62	65	57	56	62	60	74	68	60	67	....	66 4
	Minimum	34	....	....	....	45	55	57	53	40	34	42	61	54	41	44	41	30	33	45	55	36	32	38	23	22	48	50	45	34	33	....	[c]41.7
Kingstree	Maximum	55	56	56	61	75	77	77	78	70	64	75	72	74	80	76	67	60	59	65	62	62	67	56	48	59	56	74	70	54	55	....	65.3
	Minimum	42	45	50	49	47	57	53	63	40	32	41	60	56	40	43	41	30	34	42	52	35	30	37	25	28	46	50	45	34	32	....	42.6
Orangeburg 1	Maximum	50	56	60	58	69	74	79	72	60	60	75	70	71	....	77	63	58	60	65	61	59	66	53	48	64	65	73	62	51	54	....	[a]63.2
	Minimum	40	44	51	46	45	56	54	59	41	33	42	60	53	....	41	40	32	37	44	52	36	32	35	25	28	46	48	45	35	32	....	[a]42.5
Paris Island§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. George	Maximum	48	55	56	62	77	75	80	80	70	67	79	71	73	79	68	57	56	62	64	63	63	67	54	51	60	73	76	68	53	56	....	65.3
	Minimum	41	42	46	47	47	52	55	57	42	33	36	46	54	41	45	41	32	36	39	51	37	32	33	26	27	32	40	45	35	35	....	40.8
Society Hill §§	Maximum	48	53	56	58	70	....	82	....	72	58	73	....	....	77	83	57	60	56	66	59	63	67	48	49	57	53	67	58	49	54	....	[d]61.2
	Minimum	38	39	45	44	44	49	....	53	....	28	29	38	....	....	39	39	27	28	30	40	32	27	34	21	31	30	42	42	31	28	....	[d]35.7
Summerville	Maximum	49	57	56	63	76	80	78	80	64	66	78	71	75	79	71	65	64	66	66	60	62	68	51	50	63	72	78	63	54	57	....	65.9
	Minimum	41	46	41	48	45	57	55	60	42	32	45	60	53	40	44	39	30	35	47	50	35	31	34	23	28	52	53	45	35	34	.	42.7
Wedgefield	Maximum	52	55	58	59	69	75	80	68	63	60	73	70	72	78	68	63	60	60	64	60	60	65	60	48	53	55	72	60	50	53	....	62.8
	Minimum	38	43	49	43	44	55	50	62	39	34	41	58	54	45	46	40	32	36	42	48	35	35	35	24	32	46	48	41	32	31	....	41.9
Yemassee	Maximum	50	56	57	63	75	78	81	80	63	67	79	71	72	79	65	63	62	63	66	64	63	67	56	52	66	76	77	70	56	56	....	66.4
	Minimum	42	44	50	48	46	49	55	61	45	35	46	59	53	10	45	41	33	35	49	52	37	31	33	23	25	46	50	45	36	35	....	43.0
Western Portion.																																	
Aiken	Maximum	57	55	65	63	66	79	78	75	66	61	73	72	70	68	65	59	59	58	64	66	62	68	52	51	64	71	69	59	55	52	....	64.1
	Minimum	44	43	53	47	47	56	58	63	44	37	47	45	42	43	49	43	39	49	50	51	37	36	34	29	31	53	53	41	38	35	....	44.6
Anderson	Maximum	45	58	58	55	53	68	67	67	59	57	58	76	69	73	60	57	59	58	63	60	64	65	52	50	60	57	66	57	47	45	....	59.2
	Minimum	36	39	48	41	44	51	57	55	36	36	39	52	52	44	44	37	34	37	41	47	35	38	28	24	35	50	46	37	32	30	....	40.8
Caesar's Head	Maximum	47	50	51	46	54	65	60	61	54	51	55	64	62	66	53	41	54	52	58	50	61	61	33	41	51	54	61	48	40	....	....	[a]58.2
	Minimum	32	44	46	33	33	35	51	51	28	33	33	50	44	46	49	28	28	36	36	46	20	15	18	37	38	30	28	21	....	....	....	35.2
Calhoun Falls§§	Maximum	45	55	60	55	54	74	74	76	58	62	61	72	71	74	65	55	60	61	56	58	65	67	45	53	62	61	67	58	49	48	....	60.7
	Minimum	34	34	44	39	39	44	48	45	33	30	32	42	49	37	37	34	29	29	35	41	28	29	23	19	19	29	44	33	29	29	....	34.6
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	40	41	45	43	45	45	53	59	40	33	33	45	46	42	44	39	29	31	44	45	32	30	33	23	23	30	30	46	42	32	....	38.8
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clemson College	Maximum	48	58	59	57	54	69	77	70	67	57	58	68	68	72	71	60	57	58	62	62	57	65	59	49	54	52	64	65	55	46	....	60.6
	Minimum	31	39	49	41	44	51	55	60	30	31	33	51	51	36	37	34	30	32	35	36	29	29	27	18	28	35	38	32	27	30	....	36.6
Columbia	Maximum	47	52	63	56	65	74	76	67	56	58	72	70	70	76	65	54	58	57	63	60	61	67	47	49	62	57	67	58	49	52	....	60.9
	Minimum	40	41	44	43	45	53	60	51	39	37	43	59	52	49	50	40	34	37	45	44	34	36	32	24	35	50	50	40	35	32	....	42.6
Due West	Maximum	43	55	57	52	53	68	73	67	56	56	60	69	68	71	62	51	56	56	59	58	60	63	40	48	59	57	66	53	46	45	....	57.6
	Minimum	37	41	45	41	45	50	57	45	36	36	40	52	51	43	43	37	30	38	42	40	33	35	28	24	32	49	45	39	32	30	....	39.9
Greenville	Maximum	41	57	56	50	52	69	73	66	56	56	58	68	67	70	60	50	56	55	59	56	61	62	42	47	58	55	61	53	42	44	....	56.7
	Minimum	34	41	46	40	45	51	59	44	36	37	40	52	52	48	45	35	34	39	41	44	41	37	30	24	36	45	44	38	32	29	....	40.6
Greenwood	Maximum	45	45	55	63	58	55	70	74	66	58	61	67	68	68	67	64	51	57	59	59	59	62	64	54	49	62	56	65	58	50	....	59.6
	Minimum	36	36	44	40	41	46	51	57	35	32	33	43	50	46	45	37	32	33	37	44	34	35	28	22	24	35	45	36	24	29	...	37.8
Heath Springs	Maximum	44	50	58	52	61	70	73	68	60	65	66	62	67	72	65	51	50	59	60	58	59	51	50	50	49	51	64	58	45	50	....	57.9
	Minimum	35	39	49	39	41	52	57	63	33	33	35	52	53	47	45	34	29	38	41	38	33	35	36	22	33	35	43	40	29	29	....	39.7
Kershaw	Maximum	42	51	59	57	63	72	77	67	67	67	73	68	69	76	66	61	56	57	65	59	61	65	55	48	58	55	66	57	49	53	...	61.3
	Minimum	34	40	45	40	40	52	56	61	36	40	45	57	52	45	43	37	28	32	39	44	34	33	31	20	29	50	43	40	29	29	....	40.1
Landrum	Maximum	43	62	54	54	51	72	73	76	58	56	56	64	64	66	66	58	52	52	55	55	58	58	56	41	56	56	56	56	48	43	....	57.2
	Minimum	34	38	50	41	42	50	56	52	32	29	30	49	47	40	37	35	31	30	33	46	40	31	29	19	27	38	43	40	25	28	....	37.4
Laurens	Maximum	44	56	58	52	57	72	75	66	59	57	60	67	68	72	68	59	51	57	59	58	59	65	51	48	61	56	65	56	45	46	....	58.9
	Minimum	36	39	52	47	41	51	56	52	35	29	32	52	51	43	42	36	27	32	37	45	31	30	31	20	35	50	45	36	31	29	...	39.2
Liberty	Maximum	48	58	57	52	53	69	72	70	58	58	56	68	72	71	57	52	58	56	60	58	64	....	49	49	49	57	64	....	....	....	....	[d]59.0
	Minimum	33	43	38	39	44	49	55	....	30	31	36	48	....	38	32	31	32	34	40	30	30	25	28	20	..	43	....	28	26	31	....	[d]35.2
Little Mountain	Maximum	48	52	59	53	60	71	75	70	61	55	69	65	67	71	65	62	63	66	66	60	59	57	63	50	46	61	66	63	60	48	53	....	60.4
	Minimum	35	38	49	37	45	50	60	60	36	35	39	49	51	47	56	37	32	39	43	49	33	33	29	23	35	45	47	40	30	28	....	41.0
Newberry	Maximum	46	54	61	55	57	73	78	70	57	58	67	70	69	75	65	62	58	59	59	62	60	65	56	49	63	57	65	57	48	51	...	60 9
	Minimum	37	40	49	40	43	52	57	51	36	30	37	56	52	41	46	38	30	35	41	44	32	32	29	21	31	49	44	39	30	28	...	39.7
Saluda	Maximum	47	54	62	59	58	73	76	71	63	58	67	70	78	71	65	64	56	58	60	60	58	63	62	42	61	60	64	62	50	49	....	61.4
	Minimum	38	39	51	42	44	51	55	62	36	30	36	54	52	38	41	39	29	34	40	51	30	30	30	21	30	49	45	36	29	30	....	39.7
Santuck	Maximum	45	55	53	50	52	56	68	68	60	63	58	66	66	62	62	60	51	51	57	55	57	59	58	41	56	56	61	61	46	46	....	56.6
	Minimum	36	38	50	39	43	50	56	59	30	27	29	49	52	35	36	36	24	29	35	49	23	26	24	17	26	50	42	31	22	28	...	36.4
Spartanburg	Maximum	38	57	60	60	53	70	73	74	63	58	62	68	68	70	60	58	57	60	60	61	62	61	57	58	57	59	57	50	53	....	....	60.5
	Minimum	36	35	43	40	43	52	51	54	32	29	30	41	50	35	34	35	27	30	33	38	30	30	19	20	42	43	32	28	28	29	....	35.6
Trenton	Maximum	46	52	62	57	60	75	76	68	62	59	72	69	70	80	63	62	60	52	64	62	60	67	54	51	64	67	65	62	52	50	....	62.2
	Minimum	38	39	50	42	44	52	56	63	39	36	43	58	51	46	45	38	34	38	47	52	34	36	29	23	34	48	40	41	32	32	.	42.0
Walhalla	Maximum	47	58	58	56	54	67	70	67	57	57	57	69	69	72	58	56	56	55	61	58	61	65	48	50	63	56	65	55	45	46	....	58.5
	Minimum	36	38	51	41	42	50	55	52	27	30	32	51	44	36	36	33	27	31	33	39	28	28	24	16	28	44	44	30	28	27	....	36.0
Winnsboro §§	Maximum	44	52	61	56	62	73	77	66	57	58	71	69	68	74	65	52	56	57	60	60	60	65	44	60	57	52	65	56	49	52	....	59.9
	Minimum	36	36	44	38	42	46	54	58	35	34	38	45	52	45	47	37	31	33	38	43	36	37	29	21	29	48	45	40	29	28	....	38.9
Winthrop College	Maximum	45	52	62	54	57	73	73	65	61	63	65	67	72	76	65	60	56	55	61	58	60	65	55	47	58	57	60	57	46	47	....	59.7
	Minimum	35	38	46	39	44	50	57	60	34	32	31	53	42	55	55	35	30	31	40	48	30	30	27	19	32	50	42	38	28	27	....	39.3

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 12-22-25—900

NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

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FEB 3 1926

VOL. XXVIII. COLUMBIA, S. C., DECEMBER, 1925. No. 12.

UNIVERSITY OF ILLINOIS

GENERAL SUMMARY.

The month was considerably colder than usual, with mild weather during the first half and unseasonably low temperatures during most of the latter half, particularly on the 27th, 28th, and 29th, when the daily means ranged 12° to 27° below normal. Precipitation was somewhat below normal.

Winter cereal planting was practically finished during the first week, and wheat, oats, and rye germinated satisfactorily and made good growth until the hard freezes during the last week, but these crops were apparently unhurt, on the whole; considerable areas provided good pastures. Hardy truck, such as cabbage, turnips, onions, and spinach, also made good progress, but serious damage resulted from freezing in the interior, while the loss was comparatively light in the coastal region. Much butchering was done during the last half of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.05 inches. The highest pressure was 30.69 inches at Asheville, N. C., on the 29th, and in the Section proper, 30.67 inches at Due West on the same date; the lowest pressure was 29.18 inches at Wilmington, N. C., on the 2d, and in the Section proper, 29.51 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 37 stations, was 44.4°, or 2.2° below the normal. The highest temperature was 77° at Garnett and Yemassee on the 4th. The warm periods were generally from the 2d to 5th and 8th to 16th, inclusive. The lowest temperature was 1° above zero at Liberty on the 27th. The cold periods were generally from the 17th to 19th and 23d to 31st, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 78%; noon, 62%; 8 p. m., 68%. The highest percentages occurred in the eastern and southern counties and the Savannah drainage basin, and the lowest, in the northwestern interior.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 3.26 inches, or 0.21 inch below the normal. Precipitation was general in three periods and was fairly well distributed as to areas, but badly distributed as to amounts. The rainfall ranged from 4 to over 7 inches along the seaboard and was less than 3 inches in the northwestern counties. The greatest local monthly amount was 7.38 inches at Garnett, and the least local monthly amount was 1.37 inches at Spartanburg. The greatest amount during any 24 hours was 3.60 inches at Georgetown on the 21st. The average number of rainy days was normal.

Snow flurries occurred at Kingstree on the 30th, and sleet was recorded at Landrum on the 19th and at Kingstree on the 30th.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.5 miles. The highest average velocity was 13.1 miles per hour Savannah, Ga., and in the Section proper, 10.3 miles per hour at Charleston; the lowest average was 5.8 miles per hour at Augusta, Ga., and Charlotte, N. C., and in the Section proper, 6.8 miles per hour at Columbia. The highest velocity for any 5-minute period was 51 miles per hour from the northwest at Savannah, Ga., on the 1st, and in the Section proper, 46 miles per hour from the west at Charleston on the 22d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 158.1 hours, or 51% of the possible amount. The average number of clear days was 15; partly cloudy, 4, and cloudy, 12, as against normals of 14, 6, and 11 days, respectively.

RIVER CONDITIONS.

The heavy rainfall at intervals did not cover large areas, and the rivers of the Section continued uniformly low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 24; Due West, 31; Greenville, 3; Santuck, 4, 7; Walhalla, 1, 7. *Solar:* Due West, 3, 4, 7, 8, 13, 17, 18, 24; Greenville, 1, 7.

Fog, dense.—Charleston, 16, 17, 22; Columbia, 21, 22; Due West, 20, 21, 22; Greenville, 16, 22; Rimini, 3, 16, 18, 19, 22; Walhalla, 15.

Thunderstorms.—Charleston, 21; Cheraw, 19; Due West, 19; Santuck, 20.

ERRATA.

In Camden errata, February, 1917, page 11, 30th, 77, should be blank and [d]41.9 should be [e]41.9.

MISCELLANEOUS DATA FOR DECEMBER, 1925.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.06	36.6	62	0	1.10	0.32	9.7	nw.	78	62	66	50
Augusta, Ga.....	30.07	46.9	73	15	2.48	0.70	5.8	w.	81	65	72	56
Charleston, S. C...	30.04	49.2	72	18	4.00	1.68	10.3	w.	77	64	73	53
Charlotte, N. C ...	30.03	42.2	68	10	2.41	0.98	5.8	sw.	77	66	70	53
Columbia, S. C....	30.06	45.6	73	12	2.70	0.92	6.8	sw.	77	56	62	43
Due West, S. C....	30.08	42.9	69	9	2.78	1.15	9.4	sw.	78	57	...	56
Greenville, S. C...	30.02	43.3	67	9	1.81	0.72	8.8	sw.	74	62	64	55
Savannah, Ga.....	30.06	50.4	74	21	5.43	1.86	13.1	w.	79	65	66	46
Wilmington, N. C.	30.03	46.8	70	13	4.44	2.02	6.9	w.	79	64	74	50
Means and extremes.....	30.05	44.8	74	0	3.02	2.02	8.5	w. sw.	78	62	68	51

Climatological Data for December, 1925.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Trower Cravens.
Blackville	Barnwell	296	41	47.8	+0.4	75	12	11	28	35	3.81	+0.58	1.40	0	10	19	1	11	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	54	49.2	−2.5	72	13	18	28	24	4.00	+0.85	1.68	0	12	9	6	16	w.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	43	43.6	−0.2	69	† 3	9	28	33	3.58	+0.44	0.82	0	6	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	35	46.8	−0.7	71	4	13	28	33	4.01	+0.80	1.52	0	10	10	3	18	nw.	Paul Quattlebaum.
Darlington	Darlington	175	30	47.3	+2.1	73	13	9	28	38	3.81	+1.00	1.37	0	8	16	3	12	.....	D. C. McCall.
Effingham	Florence	106	34	.....	.....	.....	.....	.....	.....	.....	3.78	+0.65	1.30	0	8	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	39	.....	.....	.....	.....	13	29	.....	3.58	+0.61	1.62	0	9	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	....	....	.....	H. K. Gilbert.
Florence 2	....do	136	10	.....	.....	.....	.....	.....	.....	.....	2.99	+0.04	0.94	0	8	13	3	15	w.	Pee Dee Experiment Sta.
Garnett	Hampton	82	7	[c]48.2	.....	[c]77	4	[c]16	29	[c]37	7.38	.....	2.55	0	12	14	8	9	nw.	Maner B. Robert.
Georgetown	Georgetown	18	32	48.2	−0.7	74	† 4	11	†28	36	5.73	+2.28	3.60	0	7	21	4	6	nw.	A. P. Hazard.
Kingstree	Williamsburg	54	43	47.2	−0.1	74	† 4	13	28	31	4.33	+1.51	1.75	T.	9	16	0	15	w.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	2	.....	.....	.....	.....	.....	.....	.....	3.70	.....	1.20	0	6	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	9	[b]46.4	.....	[b]75	4	[b]14	28	[b]33	3.16	.....	1.03	0	9	16	5	10	w.	U. S. Fisheries Station.
Pinopolis ††	Berkeley	54	78	48.0	+0.8	67	14	18	†28	.....	3.00	+0.02	1.00	0	4	17	0	14	nw	Miss E. P. Ravenel.
Rimini	Sumter	97	11	.....	.....	.....	.....	.....	.....	.....	3.41	+0.31	1.30	0	5	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	42	[c]46.8	−1.0	[c]75	4	[c]15	†28	[c]38	4.40	+1.47	1.50	0	7	12	10	9	.....	R. L. Utsey.
Society Hill	Darlington	192	34	42.8	−2.0	72	†13	7	†28	40	3.92	+0.82	1.25	0	7	18	2	11	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	27	.....	.....	76	4	15	†28	.....	5.82	+2.47	2.30	0	8	....	....	....	.....	D. P. Dehon.
Wedgefield	Sumter	249	35	46.3	−1.2	75	† 5	10	27	40	3.83	+0.64	1.40	0	8	18	2	11	w.	W. Hampton Ramsey.
Yemassee	Hampton	24	36	48.4	+0.5	77	4	14	29	38	7.33	+4.21	2.75	0	9	17	1	13	ne.	W. C. Hutson.
Division means and	extremes	.....	....	46.9	−2.3	77	4	7	†28	40	4.30	+1.22	3.60	T.	9	15	3	13	w.	
Western Portion.																				
Aiken	Aiken	527	63	47.8	+0.5	75	4	13	28	31	2.74	−0.87	0.71	0	8	18	1	12	nw	Frank B. McCoy.
Anderson	Anderson	764	32	43.1	−0.7	70	4	8	28	30	3.58	−1.29	1.10	0	10	17	1	13	w.	H. H. Russell.
Blairs	Fairfield	293	20	.....	.....	.....	.....	.....	.....	.....	2.84	−1.09	0.85	0	7	....	....	....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	1	38.8	.....	63	† 3	2	29	34	2.40	.....	0.78	0	5	12	6	13	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	26	41.6	.....	71	† 4	5	†28	41	2.90	−1.90	1.01	0	9	14	7	10	w	L. M. Parker.
Camden	Kershaw	222	75	.....	.....	.....	.....	12	†28	.....	3.26	+0.14	1.02	0	9	11	0	20	ne.	Henry A. Brown.
Catawba	York	562	19	.....	.....	.....	.....	.....	.....	.....	3.02	−0.97	1.20	0	5	....	....	....	....	James C. Faris.
Chappells	Newberry	402	20	.....	.....	.....	.....	.....	.....	.....	2.72	−1.73	1.01	0	7	....	....	....	.....	George V. Clamp.
Chester	Chester	487	3	[c]43.0	.....	[c]70	6	[c] 9	27	[c]45	4.25	.....	.....	0	8	20	4	7	ne.	J. C. Cornwell.
Clemson College	Oconee	850	33	43.4	+0.7	70	13	4	28	39	1.86	−3.36	0.70	0	9	23	2	6	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	39	45.6	−1.6	73	13	12	28	29	2.70	−0.20	0.92	0	8	12	4	15	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	11	42.9	−3.1	69	4	9	28	28	2.78	−1.65	1.15	0	8	13	5	13	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	11	.....	.....	.....	.....	.....	.....	.....	2.23	−0.85	0.65	0	6	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	22	.....	.....	.....	.....	.....	.....	.....	1.86	−2.68	0.60	0	6	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	41	43.3	+1.1	67	9	9	28	27	1.81	−2.97	0.72	0	9	15	5	11	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	41	42.4	−0.6	70	5	8	28	38	2.41	−2.02	0.72	0	9	15	0	16	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	23	43.6	+1.4	66	†12	10	28	36	2.88	−0.85	0.60	0	7	15	2	14	w	J. Marvin Bowers.
Kershaw	Kershaw	500	9	43.4	.....	71	4	10	28	35	2.90	.....	0.97	0	7	17	0	14	w.	John W. Hamel.
Landrum	Spartanburg	1063	10	40.3	−2.3	63	4	7	28	31	2.68	−2.90	0.68	0	9	17	5	9	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	7	42.7	.....	70	† 4	9	28	33	2.07	.....	0.36	0	10	15	9	7	w.	L. G. Roff.
Liberty	Pickens	900	25	[k]39.6	−3.2	[k]70	13	[b] 1	27	[k]44	1.75	−4.50	0.56	0	8	18	3	10	w.	O. F. Boggs.
Little Mountain	Newberry	711	32	43.9	−1.7	71	4	8	28	33	2.60	−0.69	0.60	0	7	19	4	8	w.	Miss Alberta Sease.
Newberry	Newberry	502	21	43.8	−0.5	72	4	9	28	31	2.70	+0.14	0.73	0	9	16	3	12	w.	John H. Baxter.
Pelzer	Anderson	850	21	.....	.....	.....	.....	.....	.....	.....	2.90	−2.48	0.96	0	9	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	23	44.4	−1.0	71	4	11	28	34	2.62	+0.26	0.63	0	10	14	8	9	sw.	W. S. Crout.
Santuck	Union	512	32	41.0	−2.1	64	† 4	4	28	36	2.61	−1.55	0.78	0	9	15	4	12	ne.	E. W. Jeter.
Spartanburg	Spartanburg	875	48	42.4	+1.5	68	† 2	9	28	39	1.37	−2.87	0.35	0	7	....	....	....	.....	M. H. Daniel.
Trenton	Edgefield	620	32	45.8	−1.3	72	4	11	28	33	2.98	−0.82	0.78	0	8	13	5	13	nw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	25	42 2	−1.1	70	8	3	28	42	2.42	−2.85	0.59	0	10	16	7	8	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	31	[b]43.8	+1.1	[b]72	4	[a] 7	28	[b]29	3.10	−0.31	0.83	0	8	14	5	12	n.	Rev. Oliver Johnson.
Winthrop College ††	York	690	25	43.2	+0.2	71	4	7	28	36	2.48	−1.77	0.96	0	6	15	8	8	n.	W. T. Clawson.
Division means and	extremes	.....	....	43.0	−1.2	75	4	1	27	45	2.63	−1.65	1.85	0	8	15	4	12	w.	
Section means and	extremes	.....	....	44.4	−2.2	77	4	1	27	45	3.26	−0.21	3.60	T.	8	15	4	12	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for December, 1925.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort	Coast																																
Blackville ‖‖	Edisto		1.40			.10								.10	.25	.15		.10	.15	.10	.98		.48										3.81
Charleston ***	Coast	.55	.01			T.			.01						.33	.30	.75	.06		.27		1.56	.13								.01	.02	4.00
Cheraw ‖‖	Pee Dee		.82	.31			T.									.48	T.	.51			.65		.81	T.								3.58
Conway ‖‖	Waccamaw		.57	.80			.05								.02	.20	.10	.65	T.		.11		1.52	.05								4.01
Darlington ‖‖	Pee Dee		1.37	.14											.10	.70	.08	.25			.30		.87									3.81
Effingham ‖‖	Lynches		.94	.11		.17									T.	.45	T.	.59			.22	T.	1.30	T.								3.78
Ferguson ‖‖	Santee		1.62	.03		.06									.11	.41	.04	.73			.11	.47									T.	3.58
Florence 1 ‖‖	Pee Dee																																
Florence 2 ‖‖	do		.88	.13			.03									.42	.04	.31	T.		.20		.98									2.99
Garnett	Savannah	.15	1.26			.03			.01						.38	1.37	.50	.72		.30	.03	2.55	.05								.03	7.38
Georgetown	Coast	.24	.18			T.									.38	T.	.20	.98		.15		3.60										5.73
Kingstree ‖‖	Black		.80			.04									.15	.40	.04	1.05			.20	.10	1.75	.03						T.		4.56
Mars Bluff	Pee Dee		.60	.70												.45	.40					.35	1.20									3.70
Orangeburg	Edisto	T.	1.03			.01									.34	.05	.16	.46		.14	.02	.95	T.									3.16
Pinopolis	Cooper	.90													.10							1.00	1.00									3.00
Rimini ‖‖	Santee		.82													.52		.52			.25		1.30									3.41
St. George	Edisto		1.10			T.									T.	.35	.10	.85	T		.38	.12	1.50									4.40
Society Hill ‖‖	Pee Dee		1.20	.12												.94	.12	1.25			.31		.98									3.92
Summerville	Ashley	1.10	.10												.45	.15	1.10	.20		.42		2.30										5.82
Wedgefield	Wateree		1.40		.05										.48	.05	.20	.25		.15	1.25											3.83
Yemassee ‖‖	Ashepoo		1.17			.06									.12	1.00	.43	1.37			.38		2.75								.05	7.33
Western Portion.																																	
Aiken	Edisto		.33			.03									.35		.44	.09	.56		.71	.23										2.74
Anderson	Savannah		.14			.52									1.10	.31	.15	.09		.30	.40	.56	.01									3.58
Blairs ‖‖	Broad		.02												.04	.85	.08	.33			.74		.75									2.81
Caesar's Head	Saluda				.78										.50		.20			.44		.48										2.40
Calhoun Falls ‖‖	Savannah			.30		.20									.10	.70	.13	.10			1.01	.06	.30									2.90
Camden ‖‖	Wateree		.42	.08		.06									.05	.75	.10	.27			.51		1.02									3.26
Catawba ‖‖	Catawba															.51	.04	.25			1.02		1.20									3.02
Chappells ‖‖	Saluda					.12									.06	.77	.06	.28			1.01		.42									2.72
Chester	Broad			.20											*	*	*	*		1.85	.90	1.30										4.25
Clemson College	Savannah		.01			.18									.70	.40	.03	.01		.03	.45	.65										1.86
Columbia ***	Congaree	.10	.16		T.	T.									.78	.07	.25	.06		.36		.92										2.70
Due West***	Savannah		.30		.08	.01						T.			1.09	.14	.23			.64	T.	.29	T.									2.78
Edgefield ‖‖	Savannah		.10						.65									.30			.45	.45	.28									2.23
Gaston Shoals ‖‖	Broad		T.			.06									T.	.54	.03	.08			.55		.60									1.86
Greenville ***	Saluda		.08		.13	.04						T.			.43	.10	.02			.28	.01	.72	T.									1.81
Greenwood ‖‖	do		.27			.06									.08	.72	.11	.32			.67	.04	.14									2.41
Heath Springs	Wateree			.30		.03									.60	.13	.39				.60	.83										2.88
Kershaw ‖‖	Lynches		.28	.01												.71	.07	.38		.48		.97										2.90
Landrum	Broad		.23			.68									.34	.08	.11			.06	.46	.66	.06										2.68
Laurens	Saluda		.04			.10						T.			.86	.18	.20	.03		.21	.33	.11	.01									2.07
Liberty	Savannah		.04			.17									.56	.25	.02	.01		.20	T.	.50	T.									1.75
Little Mountain	Saluda														.75	.20	.12	.22		.30	.41	.60										2.60
Newberry	Saluda		.03			.10						T.			.90	.17	.16	.02		.73	.01	.58	T									2.70
Pelzer ‖‖	do		T.	.16		.18							T.		.06	.96	.06	.04			.66	.02	.76									2.90
Saluda	do		.01			.19									.51	.16	.14	.17		.27	.63	.52	.02									2.62
Santuck	Broad		T.			.07						T.			.66	.18	.16	.17		.11	.67	.55	.04									2.61
Spartanburg ‖‖	do		.30		.12											.35		.04			.27	.04	.25									1.37
Trenton	Edisto		.12			.20									.63	.08	.15			.50	.52	.78										2.98
Valhalla	Savannah		.03		.38	.04									.59	.39	.05			.15	.37	.41	.01									2.42
Vimsboro ‖‖	Broad		.17			.05									.05	.76	.06	.41			.83		.77									3.10
Winthrop College	Catawba															.35		.10	.12		.18	.77	.96									2.48

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR DECEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
887	44.9	76	18	4.65	10				ne.-e.
888	42.7	71	13	3.56	7				
889	55.4	79	17	0.53	1				sw.
890	45.9			2.25					
891	49.9			1.91					
892	47.1	76	6	2.45					
893	47.2	79	17	3.05	6	17	7	7	sw.
894	48.1	85	— 1	2.56	7	15	8	8	nw.
895	46.1	80	15	3.04	6	16	7	8	nw.
896	44.0	83	8	3.55	7	17	6	8	ne.
897	47.6	82	21	2.40	8	11	8	12	ne.
898	45.9	77	9	2.84	8	12	7	12	nw.
899	44.6	79	11	2.33	7	15	8	8	nw.
900	45.5	79	18	5.64	8	14	7	10	n.
901	44.0	80	2	5.01	11	13	5	13	n.
902	46.8	85	10	4.26	7	14	6	11	nw.
903	41.0	72	10	1.95	6	20	5	6	w.
904	45.5	78	16	2.79	9	14	5	12	w.
905	45.2	77	16	7.25	10	12	4	15	ne.
906	48.0	89	11	3.25	7	14	8	9	sw.
907	46.2	75	12	5.81	10	14	7	10	w.
908	50.6	83	23	2.84	7	13	9	9	w.
909	42.8	84	7	2.81	7	17	7	7	nw.
910	42.0	76	12	2.36	5	18	7	6	w.
911	49.8	85	18	4.94	9	11	7	13	ne.
912	48.8	79	18	2.88	8	12	5	14	sw.
913	47.8	77	16	4.25	9	10	7	14	w.
914	43.9	80	11	4.80	13	6	6	19	ne.
915	44.2	79	17	3.27	7	18	5	8	w.
916	46.7	79	11	2.43	9	16	6	9	w.
917	37.7	82	—6	1.47	6	15	6	10	ne.
918	50.8	82	17	5.35	9	12	6	13	w.
919	46.5	87	15	3.45	6	16	6	9	ne.
920	46.1	75	18	4.01	8	15	5	11	w.
921	50.3	80	20	1.54	5	16	7	8	w.
922	51.0	86	22	4.90	13	10	5	16	ne.
923	52.5	79	23	4.12	9	11	8	12	sw.
924	47.6	86	12	5.54	8	13	5	13	ne.
925	44.4	77	1	3.26	8	15	4	12	w.
Period	46.6	89	—6	3.47	8	14	6	11	w.

Daily Temperatures for December, 1925.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blackville	Maximum	52	56	75	72	64	66	67	69	70	75	65	75	73	54	60	70	70	63	58	60	56	49	35	52	54	49	35	35	40	43	62	58.8
	Minimum	35	45	48	45	51	37	34	45	43	43	46	45	46	45	44	43	45	40	31	32	36	34	24	26	33	35	29	11	15	25	31	36.8
Charleston	Maximum	53	56	62	71	65	58	59	57	67	66	62	69	72	62	56	60	57	49	65	61	62	62	44	55	54	48	42	32	42	48	47	56.9
	Minimum	48	51	47	47	47	40	41	47	45	44	50	50	50	54	48	47	44	39	42	48	48	38	32	32	40	37	26	18	23	32	36	41.6
Cheraw§§	Maximum	52	58	69	69	62	58	58	61	68	66	57	70	70	52	48	50	46	50	44	50	50	54	42	54	49	45	28	32	44	40	45	52.9
	Minimum	38	48	48	40	58	31	30	38	35	35	38	48	38	48	47	35	38	26	25	38	42	48	26	22	29	29	22	9	12	22	24	34.4
Conway	Maximum	53	53	65	71	68	59	59	60	68	67	64	71	70	61	54	58	55	48	50	63	55	60	56	55	50	52	44	31	42	44	48	56.6
	Minimum	46	50	47	41	52	35	31	42	40	35	38	46	44	50	42	41	43	30	28	49	34	51	31	25	39	34	28	13	12	19	30	37.0
Darlington§§	Maximum	52	53	69	72	64	57	60	62	69	68	61	71	73	53	47	52	48	50	48	49	52	56	45	56	51	47	32	33	45	43	47	58.1
	Minimum	30	41	45	41	42	34	36	41	39	40	38	41	45	47	46	38	41	37	26	39	35	39	27	22	30	30	25	9	10	17	27	36.5
Ferguson§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	39	39	44	38	38	36	34	35	41	37	39	42	41	43	34	37	39	37	32	31	34	32	29	26	31	34	28	14	13	15	22	33.4
Florence 1	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Garnett	Maximum	56	57	....	77	68	58	56	57	69	69	62	70	71	64	61	61	58	....	....	62	62	63	47	55	54	53	45	37	45	44	50	[c]58.2
	Minimum	45	49	....	40	48	32	30	44	41	37	45	40	44	51	53	49	46	....	....	47	45	46	27	25	31	33	32	18	16	25	34	[c]38.3
Georgetown	Maximum	61	64	70	74	50	69	61	60	68	70	66	74	73	70	55	61	55	51	55	65	58	62	51	59	52	52	47	33	45	56	56	59.5
	Minimum	47	50	45	43	37	36	35	45	42	38	41	47	50	52	44	41	41	31	30	48	37	36	28	34	32	33	27	11	11	21	30	36.9
Kingstree	Maximum	52	54	71	74	74	59	58	62	67	67	63	72	74	58	55	58	56	50	50	61	55	60	51	53	51	51	44	32	44	43	47	57.0
	Minimum	45	48	45	43	50	37	31	43	44	37	41	48	49	51	43	42	42	32	30	47	37	50	30	24	34	33	28	13	14	22	31	37.5
Orangeburg 1	Maximum	52	...	67	75	64	56	57	63	....	65	62	69	71	65	54	63	57	49	56	56	56	58	48	55	52	47	42	32	42	42	47	[b]55.9
	Minimum	44	....	42	44	51	35	34	45	....	40	43	45	45	48	45	43	43	32	31	47	37	47	27	26	36	32	30	14	15	24	26	[b]36.9
St. George	Maximum	52	56	69	75	63	60	....	61	65	67	65	70	72	59	53	59	51	50	60	57	59	59	46	56	....	....	53	30	....	....	49	[c]58.3
	Minimum	36	46	43	41	42	35	32	....	44	38	39	45	46	50	51	44	46	31	32	38	49	49	27	26	33	....	....	15	15	....	....	[c]34.4
Society Hill§§	Maximum	52	53	68	70	64	58	58	61	70	68	60	72	72	58	48	51	47	50	46	48	52	55	43	55	46	47	29	33	45	42	46	53.8
	Minimum	28	41	46	40	40	31	34	37	38	39	37	40	46	47	46	37	40	26	25	27	25	38	26	22	26	27	23	7	7	10	26	31.8
Summerville	Maximum	51	55	70	76	67	....	....	....	....	68	65	71	74	60	55	59	55	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	46	49	44	42	31	...	...	....	....	40	43	43	43	50	46	45	40	33	32	....	40	....	27	24	37	32	27	15	15	24	21	[f]35.6
Wedgefield	Maximum	58	58	68	75	75	58	59	62	65	67	61	70	73	63	56	58	52	48	48	54	55	46	55	50	48	38	34	44	42	48	36	55.6
	Minimum	44	42	45	55	45	35	37	43	42	40	44	48	47	52	42	42	41	32	34	38	45	25	27	38	30	27	10	15	25	28	30	37.0
Yemassee	Maximum	52	55	68	77	65	60	59	57	70	70	64	71	73	66	61	61	57	51	57	62	61	62	50	56	54	52	45	35	47	45	42	58.2
	Minimum	46	46	42	39	59	34	32	44	43	40	46	42	46	52	52	47	45	35	35	47	42	50	26	24	34	32	30	16	14	24	35	38.7
Western Portion.																																	
Aiken	Maximum	54	57	69	75	72	55	58	63	68	67	62	66	70	77	54	62	59	51	58	51	53	55	50	55	52	46	41	33	41	44	49	57.0
	Minimum	43	46	44	47	45	36	35	47	46	44	47	42	46	53	46	45	43	33	34	39	45	38	25	28	39	33	30	13	17	36	33	38.6
Anderson	Maximum	55	59	67	70	59	52	46	64	68	65	60	62	69	58	50	55	46	49	39	48	48	48	36	52	49	45	33	25	37	38	40	51.4
	Minimum	37	47	42	47	40	31	32	40	39	40	42	45	43	48	42	42	40	29	31	37	39	36	20	27	37	26	21	8	15	29	26	34.8
Caesar's Head	Maximum	51	51	63	57	45	51	48	60	63	56	51	62	62	45	50	55	37	44	42	47	51	48	37	50	59	38	28	28	36	36	....	[a]48.4
	Minimum	22	23	39	42	31	27	27	37	37	37	38	43	41	40	38	26	22	20	23	33	36	13	13	15	17	7	4	2	18	8		29.1
Calhoun Falls§§	Maximum	52	54	70	71	54	53	53	66	69	69	62	64	71	55	51	52	51	55	44	45	48	56	42	54	49	45	38	46	46	46	44	54.0
	Minimum	29	35	34	34	40	29	28	28	38	38	39	40	42	43	46	40	39	26	28	29	38	29	17	17	17	24	20	5	5	9	20	29.2
Camden§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	32	42	42	41	40	32	32	34	35	33	36	42	38	43	47	40	30	29	28	32	37	40	26	24	26	27	24	12	12	14	27	32.2
Chester	Maximum	56	56	60	61	65	70	69	65	65	64	65	64	63	64	....	....	....	64	64	54	54	68	52	53	52	54	37	30	45	46	53	[c]57.6
	Minimum	34	34	38	40	35	33	31	26	26	25	25	24	24	25	....	....	....	30	28	35	36	50	23	26	26	27	9	26	22	21	20	[c]28.5
Clemson College	Maximum	53	62	66	67	62	53	54	64	69	68	63	69	70	61	51	57	51	50	43	49	49	53	42	55	52	51	43	37	41	43	47	54.7
	Minimum	32	40	35	41	40	28	31	34	35	41	38	43	38	47	46	42	42	25	26	37	42	42	19	22	37	26	20	4	8	20	18	32.2
Columbia	Maximum	52	56	68	73	65	55	55	62	67	65	62	70	73	56	52	60	50	49	49	48	52	54	44	56	52	45	35	31	43	42	46	54.4
	Minimum	41	46	48	48	41	34	37	44	43	43	45	48	48	51	41	41	38	33	32	40	41	32	26	27	38	31	21	12	15	28	31	36.9
Due West	Maximum	53	58	65	69	63	50	52	62	64	63	58	66	68	54	49	56	46	47	47	47	51	40	52	48	43	32	31	42	43	46	51.8
	Minimum	38	46	41	43	38	32	32	39	36	40	43	45	41	48	42	42	36	30	31	38	38	27	20	25	36	28	15	9	15	32	28	34.0
Greenville	Maximum	55	60	65	66	66	50	52	62	67	62	57	66	66	55	48	56	46	46	41	47	46	51	38	52	51	42	29	31	39	42	50	51.5
	Minimum	36	50	48	47	39	31	35	39	40	42	43	44	47	48	39	40	36	30	34	36	40	31	22	26	37	26	12	9	18	32	30	35.1
Greenwood	Maximum	52	52	58	66	70	51	51	51	61	65	64	54	66	69	52	50	58	46	48	43	48	48	50	42	53	48	42	32	30	42	43	51.8
	Minimum	29	38	41	41	43	32	33	34	40	40	40	44	43	44	49	41	42	30	30	31	35	42	21	21	29	27	21	8	10	15	26	32.9
Heath Springs	Maximum	67	68	69	68	54	53	52	54	65	65	65	66	66	50	45	50	47	43	44	45	50	50	48	51	50	47	46	34	40	39	45	52.8
	Minimum	40	38	43	42	49	35	35	41	40	39	38	40	45	49	40	36	38	28	29	38	38	35	25	30	28	25	22	10	14	27	27	34.3
Kershaw	Maximum	51	52	67	71	64	55	55	61	67	64	58	69	69	58	52	51	48	47	46	46	49	54	44	55	46	44	41	31	45	40	45	53.1
	Minimum	39	40	44	42	42	34	35	40	40	38	38	47	45	49	38	37	37	26	27	27	36	42	25	31	28	24	22	10	12	24	28	33.8
Landrum	Maximum	51	54	62	63	44	45	46	55	55	57	58	58	61	61	47	50	49	36	36	46	46	45	39	42	45	45	32	30	36	38	40	47.5
	Minimum	33	45	47	40	41	28	31	38	40	42	38	44	38	47	39	38	36	29	25	32	39	39	23	24	36	26	14	7	21	18	29	33.1
Laurens	Maximum	51	58	67	70	62	53	51	63	61	63	59	67	70	55	49	58	48	48	41	47	46	52	39	52	49	46	32	32	42	44	45	52.3
	Minimum	37	47	38	41	41	31	30	37	34	36	38	45	42	49	41	40	38	27	26	39	33	38	20	26	36	25	20	9	11	26	26	33.1
Liberty	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	68	70	60	49	54	50	47	41	48	47	51	49	53	50	45	34	32	41	40	48	[k]48.8
	Minimum	37	42	36	42	....	....	32	33	34	39	37	41	36	45	40	38	36	22	24	34	37	37	17	20	35	16	1	10	20	21	17	[b]30.3
Little Mountain	Maximum	49	56	65	71	65	53	52	58	65	63	59	69	68	60	49	59	53	47	44	40	50	51	39	52	48	46	39	29	40	41	44	52.4
	Minimum	37	46	45	45	45	32	35	40	44	38	45	46	47	49	41	41	39	30	30	33	39	39	21	25	37	27	22	8	16	30	26	35.4
Newberry	Maximum	52	58	69	72	65	54	53	63	67	64	59	69	71	60	51	59	48	49	43	47	51	52	42	54	50	46	34	33	43	43	43	53.2
	Minimum	38	49	41	42	41	33	35	41	40	36	42	44	44	50	42	41	36	29	29	39	35	33	23	26	37	27	22	9	13	25	23	34.4
Saluda	Maximum	51	59	65	71	66	52	54	60	65	63	59	67	68	64	53	60	53	47	46	49	51	52	42	52	50	49	40	31	40	42	45	53.7
	Minimum	39	49	39	47	45	32	38	40	39	38	41	47	43	48	45	42	43	29	28	40	34	41	23	25	34	29	25	11	13	25	24	35.2
Santuck	Maximum	50	57	60	64	64	48	48	61	56	52	54	63	63	60	50	50	50	46	46	47	47	47	44	44	48	48	40	32	40	40	41	50.3
	Minimum	32	49	38	37	45	33	31	34	36	35	33	45	40	43	42	39	41	24	24	38	31	41	20	21	29	25	21	4	7	23	18	31.6
Spartanburg	Maximum	60	68	68	63	60	58	58	65	65	63	67	67	65	56	58	54	55	50	50	52	53	48	53	53	51	48	34	34	40	48	41	55.0
	Minimum	29	35	38	38	40	31	28	32	34	35	35	43	48	45	46	38	43	28	24	33	33	43	23	23	37	26	18	9	9	27	18	31.9
Trenton	Maximum	49	55	69	72	67	54	55	62	67	66	62	70	70	60	54	61	54	50	46	48	53	52	43	56	50	50	39	34	44	43	46	54.9
	Minimum	39	48	41	47	43	34	35	44	44	40	45	46	46	53	46	43	40	31	32	42	39	35	23	27	39	26	26	11	17	27	30	36.7
Walhalla	Maximum	55	66	69	63	60	51	52	70	68	68	58	68	69	59	50	57	52	49	41	49	48	50	41	54	52	45	53	33	41	42	46	54.3
	Minimum	28	37	37	42	38	24	28	33	38	36	35	40	39	46	46	41	38	23	25	31	34	33	17	19	35	24	16	3	8	27	18	30.2
Winnsboro§§	Maximum	50	54	66	72	52	59	54	61	65	64	59	67	69	53	49	....	....	47	44	46	50	52	42	53	48	43	30	31	42	40	46	[b]52.0
	Minimum	30	40	44	44	45	34	34	28	40	39	39	45	44	45	48	39	....	28	30	32	38	42	23	24	29	27	22	7	8	20	27	[a]33.5
Winthrop College	Maximum	50	54	69	71	63	55	57	63	67	64	56	69	68	60	61	50	51	48	53	45	46	45	45	55	49	43	34	32	43	39	45	53.2
	Minimum	36	46	43	44	49	30	30	33	34	33	37	45	40	48	50	37	31	38	26	28	35	36	21	25	36	25	19	7	11	27	25	33.1

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 1-25-26—900

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXVIII. COLUMBIA, S. C., YEAR, 1925. No. 13.

GENERAL SUMMARY.

The most widespread and disastrous drought in the history of South Carolina prevailed from the close of January to the first two weeks of November, with only temporary relief at long intervals in most sections. During this period the deficiency of rainfall was 18.23 inches, and during the principal growing months, when timely rains were most needed, the deficiency was 12.41 inches. Notwithstanding unprecedented precipitation in January, the average annual rainfall for the year was 3.98 inches below the previous lowest annual average in 1911. The situation was aggravated by record-breaking and persistent heat in September, culminating on the 4th and 8th in maximum temperatures that overtopped the previous highest Section record for all months of 110° at Chester on July 18, 1887. The mean annual temperature was somewhat above normal. Destructive floods occurred only in January. Five persons were injured by a tornado in October. Lightning caused the death of 1 person in April, 11 persons in July, and 2 persons in September. Hailstorms, lightning, and wind squalls were attended by damage approximating $151,650, principally in June, July, September, and October.

Comparatively mild, open weather prevailed from January to the close of April, with about normal crop development. The general growing season opened about two weeks in advance of the normal, but drought caused irregular germination of cotton, corn, and other staple crops. May was unseasonably cool, with two periods of abnormally low temperatures and continued dry weather. Rainfall was deficient, and temperatures were relatively high during June; timely rains in the tobacco belt improved tobacco and other crops in that section, and cotton elsewhere withstood the drought very well; the first cotton bloom was noted at Allendale on the 9th. July was the driest month of the name on record; the first open cotton boll was observed at Newberry on the 21st; the first bale was ginned at Allendale on the 30th, 16 days earlier than the 10-year normal. Unprecedented drought characterized August; the streams were the lowest of record in most sections, hydroelectric power was materially curtailed, stock water was scarce, and many deep wells failed. Excessive heat in September further intensified the long drought, and crop deterioration was general, but the situation was better along the coast. The drought continued practically through October, but was effectively broken throughout the Section by copious to heavy rains during the first two weeks of November, and fall plowing and planting proceeded satisfactorily, with good stands of winter cereals and truck toward the close of the month. December was considerably colder than usual, and precipitation was near normal; winter crops made good growth until the freezes of the last week, but no serious damage resulted, except in some sections of the interior; the weather was favorable for hog butchering.

The last general spring killing frosts occurred about March 4 in the eastern and about April 1 in the western portion, and the first in autumn occurred about October 11, extending to the extreme lower coast by November 24. The average latest spring killing frost date for 1925 was March 16, or 7 days earlier than normal, and the average earliest autumnal killing frost date was November 2, or 8 days earlier than normal. The growing season was 231 days in length, or 1 day shorter than normal.

The mean annual temperature was 64.2°, or 1.2° above normal. The warmest month was September, with a mean of 81.7°; coldest month, December, with a mean of 44.4°. The highest annual mean at any station was 67.0° at Charleston; lowest annual mean, 61.0° at Spartanburg and Walhalla. The highest temperature was 111° at Blackville on September 4, and and at Calhoun Falls on September 8, the highest of record for the Section by 1°; lowest temperature, 1° above zero on December 27 at Liberty.

Seasonal temperatures, with departures from the 39-year normals: Winter.—48.3°, +1.9°; spring, 63.6°, +0.8°; summer, 80.7°, +1.9°; autumn, 65.3°, +1.4°.

The average annual precipitation was 35.82 inches, or 11.97 inches below the normal, and the lowest average annual rainfall of record. The greatest annual amount at any station was 50.45 inches at Garnett; least annual amount, 24.40 inches at Chappells. The greatest monthly amount at any station was 13.95 inches at Pinopolis in July; least monthly amount, Trace at Calhoun Falls in June. The average number of rainy days was 96; greatest number at any station, 111 at Garnett; least number, 48 at Liberty. Average annual snowfall, Trace.

Snowfall, ranging from Traces to 1.0 inch, occurred at a few stations on January 28 and 29 and February 11 and 26, and in a considerable area of the northwestern counties on March 2, 4, and 5.

During the growing season, March to September, inclusive, the total rainfall was 15.59 inches, or 15.54 inches below the normal.

Seasonal precipitation, with departures from the 39-year normal: Winter.—15.77, +4.39 inches; spring, 5.97, −4.59 inches; summer, 7.76, −8.81 inches; autumn, 8.60, −0.68 inch.

Freshets in the Pee Dee and Santee River Districts during January were attended by unavoidable losses approximating $43,475, and the value of movable property saved by timely warnings has been estimated at $286,925.

The average annual atmospheric pressure, determined from 9 regular stations, was 30.06 inches. The highest pressure was 30.69 inches at Asheville, N. C., on December 19, and in the Section proper, 30.67 inches at Due West on the same date; the lowest pressure was 29.18 inches at Wilmington, N. C., on December 2, and in the Section proper, 29.48 inches at Greenville on November 12.

The average annual sunshine, determined from 9 automatic records, was 64% of the possible amount. The average annual number of clear days was 195; partly cloudy, 80, and cloudy, 90, as against normals of 173, 98, and 94 days, respectively.

The average annual relative humidity at 8 a. m. was 79%; noon, 57%, and 8 p. m., 68%.

The prevailing wind was from the south. The average annual hourly velocity, determined from 9 anemometer records, was 7.6 miles. The highest velocity for any 5-minute period was 78 miles per hour from the northwest at Savannah, Ga., on August 21, and in the Section proper, 48 miles per hour from the northeast at Charleston on April 20, and from the west at Due West on October 25.

(CONTINUED ON PAGE 52.)

Climatological Data for the Year 1925.

Stations.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).							Number rainy days.	Sky.			Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for the year.	Greatest monthly.	Month.	Least monthly.	Month.	Total snowfall.		Number clear days.	Number partly cloudy days.	Number cloudy days.	
EASTERN PORTION.																				
Beaufort	Beaufort																			
Blackville	Barnwell	296	42	66.9	111	Sept. 4	11	Dec. 28	42	34.92	9.10	Jan.	0.10	Mar.	0	67	254	28	83	
Charleston	Charleston	48	53	67.0	102	Aug. 14	18	Dec. 28	55	33.42	5.49	June	1.28	Mar.	0	94	115	116	134	sw.
Cheraw	Chesterfield	144	44	63.7	107	Sept. 4	9	Dec. 28	44	32.96	8.31	Jan.	0.97	Aug.	0	67				
Conway	Horry	25	29	65.4	105	Sept. 4	13	Dec. 28	37	41.14	7.69	Jan.	1.02	Sept.	1.0	98	192	42	131	sw.
Darlington	Darlington	175	26	64.3	109	Sept. 4	9	Dec. 28	31	37.67	8.81	Jan.	0.76	Feb.	0	89	211	53	101	
Effingham	Florence	106							35	39.12	9.52	Jan.	0.75	Oct.	0	71				
Ferguson	Orangeburg	63	37		107	Sept. 4	13	Dec. 29	40	38.87	9.62	Jan.	0.86	May	0	90				
Florence 1	Florence	136	44		108	Sept. 4			44		10.33	Jan.	1.08	Mar.	0					
Florence 2	Florence	136							9	36.38	10.42	Jan.	1.21	Mar.	0	78	201	63	101	ne.
Garnett	Hampton	82	8		110	Sept. 4	16	Dec. 29	8	50.45	7.87	June	0.46	Mar.	0	111				
Georgetown	Georgetown	12	33	65.6	101	July 5†	11	Dec. 28†	33	34.67	6.51	June	0.55	May	0	55	247	73	45	ne.
Kingstree	Williamsburg	54	44	66.0	104	Aug. 14	13	Dec. 28	44	44.99	9.19	Jan.	1.25	Mar.	T.	85	225	19	121	s.
Mars Bluff	Florence	92							2	31.64	7.99	Jan.	0.53	Mar.	0.2	55				
Orangeburg 1	Orangeburg	264	10	66.2	106	Aug. 20†	14	Dec. 28	10	39.41	10.94	Jan.	0.68	Aug.	T.	93	195	102	68	w.
Paris Island	Beaufort	13	41						45		6.23	Jan.	0.03	May						
Pinopolis**	Berkeley	54	27		96	Sept. 14	18	Dec. 28†	79	47.71	13.95	July	0.70	Aug.	T.	79				sw.
Rimini	Clarendon	97							15	39.74	11.30	Jan.	0.55	Aug.	0	76				
St. George	Dorchester	109	43	66.0	106	Sept. 4	15	Dec. 28	43	45.43	8.52	Jan.	0.79	Mar.	0	91	114	193	58	w.
Society Hill	Darlington	192	35	63.9	110	Sept. 4	7	Dec. 28†	35	35.73	7.82	Jan.	0.28	Aug.	0	77	249	55	64	s.
Summerville	Dorchester	75	28		106	Sept. 4	15	Dec. 28†	28	45.68	6.34	June	0.94	May	0	96				
Wedgefield	Sumter	249	4	65.6	108	Sept. 4	10	Dec. 27	4	33.22	9.75	Jan.	0.70	Oct.	0	70	272	38	55	w.
Yemassee	Hampton	24	37	66.4	107	Sept. 4	14	Dec. 29	37	45.49	8.31	July	0.81	Mar.	0	89	210	14	141	ne.
Division means and extremes.				65.8	111	Sept. 4	7	Dec. 28†		39.38	13.95	July	0.03	May	T	84	201	76	88	sw.
WESTERN PORTION.																				
Aiken	Aiken	527	62	66.6	106	Sept. 4	13	Dec. 28	64	34.52	12.50	Jan.	0.24	Sept.	0	57	192	75	98	ne.
Anderson	Anderson	764	29	63.7	105	Aug. 20†	8	Dec. 28	33	36.16	9.32	Jan.	0.59	June	0	80	238	20	107	w.
Blairs	Fairfield	293							21	30.65	9.03	Jan.	0.79	June	0	85				
Cæsar's Head	Greenville	3118	2		95	Aug. 5†	2	Dec. 29	2		8.20	Jan.			0.8					
Calhoun Falls	Abbeville	508	9	62.8	111	Sept. 8	5	Dec. 28†	27	29.11	9.28	Jan.	T.	June	0	62	180	82	103	s.
Camden	Kershaw	222	47		106	Sept. 5	12	Dec. 28†	77	39.16	11.84	Jan.	0.50	Mar.	0	104				ne.
Catawba	York	562							20	35.41	7.45	Jan.	1.26	Sept.	0	71				
Chappells	Newberry	402							21	24.40	8.95	Jan.	0.34	Mar.	0	73				
Chester	Chester	487	4		105	Sept. 4†	9	Dec. 27	4	45.23	9.69	Jan.	1.35	July	0	72	195	85	85	ne.
Clemson College	Oconee	850	31		104	Aug. 20	4	Dec. 28	34	34.31	7.55	Jan.	0.30	Aug.	T.	76				w.
Columbia	Richland	351	39	65.2	106	Sept. 4	12	Dec. 28	39	29.38	10.03	Jan.	0.72	June	0	89	138	123	104	ne.
Due West	Abbeville	711	12	62.9	105	Aug. 20†	9	Dec. 28	12	31.13	6.96	Jan.	0.97	Aug.	0	93	141	120	94	sw.
Edgefield	Edgefield								13		12.00	Jan.	0.61	June						
Gaston Shoals††	Cherokee	680							23	32.74	7.51	Jan.	1.15	Sept.	0	87				
Greenville	Greenville	989	42	62.3	101	Aug. 20	9	Dec. 28	42	33.14	7.12	Jan.	0.78	Aug.	T.	103	154	115	96	e.
Greenwood	Greenwood	671	42	62.8	102	Aug. 21†	8	Dec. 28	42	30.19	9.54	Jan.	0.96	June	0	77	235	4	126	w.
Heath Springs	Lancaster	568	24	63.1	106	Sept. 4	10	Dec. 28	24	29.66	6.08	Jan.	0.80	Sept.	0	81	180	57	128	w.
Kershaw	Kershaw	500	10	63.8	105	Sept. 4	10	Dec. 28	10	29.34	7.95	Jan.	0.43	Sept.	0	88	231	3	131	w.
Landrum	Spartanburg	1063	11	61.6	105	Aug. 20	7	Dec. 28	11	45.71	8.91	Jan.	1.66	July	T.	86	228	76	61	s.
Laurens	Laurens	589	8	62.9	107	Aug 20†	9	Dec. 28	8	30.74	7.56	Jan.	0.52	June	0	90	171	143	51	w.
Liberty	Pickens	900	26	61.1	103	Aug. 13†	1	Dec. 27	26	28.09	6.50	Jan.	0.40	Aug.	T.	48				
Little Mountain	Newberry	711	33	63.2	105	Aug. 20	8	Dec. 28	33	28.15	8.67	Jan.	0.30	July	T.	62	224	53	88	s.
Newberry	Newberry	502	22		107	Sept. 4	9	Dec. 28	22	30.32	7.53	Jan.	0.84	June	0	97	200	83	82	w.
Pelzer	Anderson	850							22	34.78	10.20	Jan.	0.48	Sept.	0	87				
Saluda	Saluda	536	24	64.3	108	Aug. 20	11	Dec. 28	24	29.30	9.38	Jan.	1.00	Aug.	0	92	161	139	65	s.
Santuck	Union	512	33	62.0	110	Sept. 4	4	Dec. 28	33	31.84	7.53	Jan.	0.27	June	T.	88	195	92	68	e.
Spartanburg	Spartanburg	875	49	61.0	106	Aug. 20	9	Dec. 28	47	32.29	7.72	Jan.	1.50	Aug.	T.	83				
Trenton	Edgefield	620	33	65.7	109	July 13†	11	Dec. 28	33	35.08	11.80	Jan.	0.23	June	0	62	189	112	64	sw.
Walhalla	Oconee	1061	24	61.0	108	Sept. 7	3	Dec. 28	26	41.15	8.00	Jan.	0.60	Aug.	T.	107	200	104	61	sw.
Winnsboro	....do	545	32		106	Sept. 4	7	Dec. 28	32	38.29	8.10	Jan.	1.15	Mar.	0	85	160	115	90	ne.
Winthrop College ††	York	690	26	63.2	106	Aug. 20	7	Dec. 28	26	32.56	8.57	Jan.	0.71	Sept.	0	71	139	175	51	s.
Division means and extremes.				63.1	111	Sept. 8	1	Dec. 27		33.39	12.50	Jan.	T.	June	T.	82	191	81	93	w.
Section means and extremes.				64.2	111	Sept. 4†	1	Dec. 27		35.82	13.95	July	T.	June	T.	81	195	80	90	s.

† On other dates also.

** Temperature data are from observed readings of the dry bulb; means are computed from observed readings.

†† Postoffice addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

Monthly and Annual Precipitation for the Year 1925, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
EASTERN PORTION.																										
Blackville	9.10	+6.18	0.70	−3.56	0.10	−3.22	2.75	−0.54	3.10	−0.40	4.01	−1.63	1.25	−4.28	0.75	−4.92	0.95	−3.23	3.95	+1.10	4.45	+2.45	3.81	+0.58	34.92	−11.47
Charleston	4.85	+1.40	1.84	−1.57	1.28	−2.44	1.89	−1.10	1.96	−1.51	5.49	+0.10	2.88	−4.88	1.62	−5.35	1.94	−3.52	3.08	−0.85	3.09	+0.22	4.00	+0.85	33.42	−18.65
Cheraw	8.31	+5.41	1.49	−2.60	1.38	−2.21	1.91	−1.03	2.07	−1.43	3.71	−1.54	3.13	−3.01	0.97	−5.63	1.12	−2.45	1.93	−0.88	3.36	+1.27	3.58	+0.44	32.96	−13.68
Conway	7.69	+4.22	2.75	−1.61	2.04	−1.55	3.67	+0.57	3.39	−0.17	4.97	+0.10	2.71	−4.10	2.24	−4.98	1.02	−3.77	2.76	−0.46	3.89	+1.68	4.01	+0.80	41.14	− 9.27
Darlington	8.81	+6.26	0.76	−3.11	1.00	−2.01	2.06	−1.13	1.41	−1.93	7.93	+2.34	4.26	−1.30	0.92	−4.41	2.22	−1.72	0.89	−2.22	3.60	+1.51	3.81	+1.00	37.67	− 6.72
Effingham	9.52	+6.16	1.59	−3.35	1.11	−2.68	2.50	−0.82	2.57	−0.96	5.23	−0.63	4.29	−1.47	2.47	−3.63	2.28	−1.73	0.75	−2.23	3.03	+0.93	3.78	+0.65	39.12	− 9.76
Ferguson	9.62	+6.04	2.47	−1.42	0.92	−2.53	2.17	−0.70	0.86	−3.31	4.62	−1.04	3.59	−3.05	0.99	−5.85	1.42	−2.38	3.46	+0.69	5.17	+3.00	3.58	+0.61	38.87	−11.04
Florence 1	10.33	+7.53	1.61	−2.54	1.08	−2.09	1.71	−1.12	4.35	+0.65	5.35	+0.08	3.71	−2.14	1.56	−3.99	2.05	−2.04	.....	.....	.....	.....	.....	.....	.....	.....
Florence 2	10.42	+7.62	1.26	−2.89	1.21	−1.96	1.68	−1.15	2.69	−1.01	5.37	+0.10	2.18	−3.67	1.90	−3.65	2.16	−1.93	1.31	−1.75	3.21	+1.12	2.99	+0.04	36.38	− 8.13
Garnett	7.65	.....	1.85	.....	0.46	.....	2.80	.....	2.24	.....	7.87	.....	5.62	.....	3.07	.....	2.02	.....	5.03	.....	4.46	.....	7.38	.....	50.45	.....
Georgetown	4.40	+1.00	3.05	−1.09	1.76	−1.75	2.99	−0.34	0.55	−2.89	6.51	+0.94	2.64	−4.76	1.47	−5.33	0.60	−3.56	2.12	−1.06	2.85	+0.50	5.73	+2.28	34.67	−16.06
Kingstree	9.19	+6.13	2.45	−1.50	1.25	−1.15	2.80	−0.01	2.55	−0.64	4.82	−0.34	6.00	−0.52	2.60	−3.70	1.88	−2.22	1.66	−1.19	5.46	+3.41	4.33	+1.51	44.99	− 1.45
Mars Bluff	7.99	.....	2.05	.....	0.53	.....	1.39	.....	1.89	.....	2.82	.....	1.55	.....	1.15	.....	5.55	.....	1.02	.....	2.00	.....	3.70	.....	31.64	.....
Orangeburg 1	10.94	.....	2.35	.....	1.16	.....	1.72	.....	1.68	.....	4.34	.....	3.27	.....	0.68	.....	1.77	.....	4.80	.....	3.54	.....	3.16	.....	39.41	.....
Paris Island	6.23	+3.50	2.32	−1.20	0.08	−3.27	5.41	+3.10	0.03	−3.12	1.90	−3.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pinopolis	5.58	+2.48	1.97	−1.56	1.38	−2.24	2.05	−0.92	4.65	+0.99	5.40	−0.33	13.95	+7.33	0.70	−6.38	2.23	−2.35	2.80	−0.24	4.00	+1.56	3.00	+0.02	47.71	− 1.64
Rimini	11.30	+8.32	2.22	−1.53	1.24	−2.53	2.94	+0.07	1.53	−2.70	5.26	+1.27	3.48	−4.90	0.55	−5.30	1.92	−1.89	2.49	+0.03	3.40	+1.80	3.41	+0.31	39.74	− 7.05
St. George	8.52	+5.43	2.17	−1.64	0.79	−2.62	3.19	+0.22	1.00	−2.28	5.53	+0.36	6.34	−0.17	1.32	−5.09	3.08	−0.81	3.57	+1.23	5.52	+3.64	4.40	+1.47	45.43	− 0.16
Society Hill	7.82	+4.82	1.78	−2.63	1.63	−2.24	2.15	−1.11	1.01	−2.29	5.73	+0.29	2.69	−3.74	0.28	−5.42	2.64	−1.34	2.56	−0.49	4.12	+1.95	3.92	+0.82	35.73	−11.38
Summerville	5.99	+2.93	2.42	−1.73	1.27	−2.05	2.38	−1.03	0.94	−2.38	6.34	+0.58	4.72	−1.94	2.81	−4.61	3.06	−1.28	4.26	+0.79	5.67	+3.39	5.82	+2.47	45.68	− 4.86
Wedgefield	9.75	+6.33	1.65	−2.50	1.10	−2.46	1.87	−1.19	0.85	−2.48	2.66	−2.23	4.68	−0.34	0.79	−5.12	1.59	−1.88	0.70	−2.15	3.75	+1.53	3.83	+0.64	33.22	−11.89
Yemassee	7.14	+4.37	1.54	−2.30	0.81	−2.68	1.65	−1.37	1.61	−1.89	5.24	−0.75	8.31	+1.45	1.30	−5.19	1.34	−2.70	4.06	+1.22	5.16	+3.10	7.33	+4.21	45.49	− 2.53
Division means and departures.	8.23	+5.16	1.92	−2.12	1.04	−2.46	2.46	−0.58	1.95	−1.54	5.05	−0.41	4.32	−2.00	1.44	−4.86	2.04	−1.07	2.66	−0.32	3.98	+1.85	4.29	+1.21	39.38	− 8.14
WESTERN PORTION.																										
Aiken	12.50	+8.92	1.50	−2.55	0.44	−3.52	1.20	−1.89	3.50	+0.04	1.10	−3.64	1.54	−3.30	0.95	−4.48	0.24	−3.14	5.07	+2.34	3.74	+1.17	2.74	−0.87	34.52	−10.82
Anderson	9.32	+5.39	1.02	−4.11	3.37	−1.23	3.37	+0.19	1.08	−1.96	0.59	−3.16	5.29	+0.25	0.99	−4.34	0.85	−2.14	3.18	−0.40	3.52	+0.82	3.58	−1.29	36.16	−11.18
Blairs	9.03	+5.55	1.84	−1.97	2.05	−1.65	0.98	−1.58	2.53	−0.34	0.79	−3.68	1.98	−3.36	2.68	−2.32	1.39	−1.41	2.02	−0.54	2.55	+0.29	2.81	−1.09	30.65	−12.20
Cæsars Head	8.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.59	.....	3.21	.....	2.00	.....	2.00	.....	6.35	.....	9.52	.....	2.44	.....	.....	.....
Calhoun Falls	9.28	+5.28	1.33	−4.03	2.22	−2.70	1.44	−2.08	1.23	−2.73	T.	−4.63	2.03	−2.49	0.98	−4.23	0.62	−3.28	3.23	+0.17	3.85	+1.44	2.90	−1.90	29.11	−22.18
Camden	11.84	+8.46	1.24	−2.78	0.50	−3.20	2.27	−0.81	1.91	−1.30	3.48	−1.00	5.67	+0.44	2.78	−2.50	1.41	−2.25	2.27	−0.35	2.53	+0.18	3.26	+0.14	39.16	− 5.38
Catawba	7.45	+3.98	2.26	−2.07	2.53	−1.58	2.18	−0.81	2.40	−1.30	3.25	−1.65	2.81	−3.67	2.96	−2.25	1.26	−2.17	2.22	−1.39	3.07	+0.67	3.02	−0.97	35.41	−13.21
Chappells	8.95	+5.63	1.49	−2.35	0.34	−3.53	1.13	−1.40	1.23	−1.45	0.45	−3.62	1.88	−3.43	1.27	−3.18	1.42	−1.72	1.48	−1.10	2.04	−0.17	2.72	−1.73	24.40	−18.05
Chester	9.69	.....	1.83	.....	3.05	.....	1.36	.....	5.81	.....	3.07	.....	1.35	.....	2.05	.....	3.71	.....	3.23	.....	5.83	.....	4.25	.....	45.23	.....
Clemson College	7.55	+2.63	1.45	−3.93	2.67	−2.30	3.11	−0.60	1.76	−1.85	1.35	−3.83	2.41	−2.86	0.30	−4.96	1.00	−2.96	5.84	+2.47	5.01	+2.27	1.86	−3.36	34.31	−19.28
Columbia	10.03	+6.74	1.08	−3.51	0.87	−2.83	1.24	−1.62	3.18	−0.01	0.72	−3.46	3.50	−2.56	1.94	−5.84	1.90	−1.55	1.14	−1.71	2.08	−0.15	2.70	−0.20	29.38	−16.70
Due West	6.96	+3.33	1.03	−4.77	2.68	−2.07	1.84	−1.17	1.83	−2.21	1.73	−2.33	1.79	−3.02	0.97	−3.76	2.26	−0.60	3.51	+1.77	3.75	+1.89	2.78	−1.65	31.13	−14.83
Edgefield	12.00	+8.05	1.24	−2.93	....	.....	.....	.....	1.31	−2.03	0.61	−2.99	4.90	−0.50	0.75	−3.17	2.62	−0.10	2.35	−0.33	3.30	+1.18	2.23	−0.85	.....	.....
Gaston Shoals	7.51	+3.55	1.46	−2.65	3.36	−1.40	1.41	−1.88	2.46	−0.72	1.94	−0.37	2.94	−1.76	1.99	−3.42	1.15	−2.02	3.22	+0.28	3.44	+0.76	1.86	−2.68	32.74	−12.31
Greenville	7.12	+2.61	1.20	−4.05	3.12	−2.27	2.74	−0.91	1.75	−2.56	1.12	−3.97	2.38	−3.19	0.78	−5.10	2.35	−1.44	4.71	+1.51	4.06	+0.96	1.81	−2.97	33.14	−21.38
Greenwood	9.54	+5.76	2.12	−2.60	2.16	−1.86	1.47	−1.42	1.21	−2.34	0.96	−3.60	1.23	−4.04	1.06	−4.13	1.58	−2.08	3.03	+0.19	3.42	+0.73	2.41	−2.02	30.19	−17.41
Heath Springs	6.08	+2.49	1.82	−1.98	1.39	−2.10	2.02	−1.02	1.18	−1.99	3.85	−1.35	2.08	−2.81	3.22	−2.28	0.80	−2.19	2.20	−0.25	2.14	−0.05	2.88	−0.85	29.66	−14.38
Kershaw	7.95	.....	1.90	.....	1.23	.....	1.45	.....	1.16	.....	3.00	.....	2.51	.....	2.43	.....	0.43	.....	2.11	.....	2.27	.....	2.90	.....	29.34	.....
Landrum	8.91	+3.08	1.38	−4.03	3.11	−2.61	2.63	−2.52	6.90	+0.54	2.03	−3.14	1.66	−6.45	3.09	−1.72	2.69	−1.97	5.36	+1.17	5.27	+2.60	2.68	−2.90	45.71	−17.92
Laurens	7.56	.....	1.52	....	2.26	.....	2.62	.....	2.76	.....	0.52	.....	1.28	.....	0.73	.....	2.80	.....	2.82	.....	3.80	.....	2.07	.....	30.74	.....
Liberty	6.50	+1.60	0.92	−4.68	2.50	−2.97	2.60	−3.28	2.05	−2.28	1.00	−4.19	0.97	−4.79	0.40	−6.11	0.93	−3.08	5.22	+1.27	3.25	−0.42	1.75	−4.50	28.09	−32.49
Little Mountain	8.67	+5.29	1.80	−2.67	1.44	−2.22	0.85	−2.23	2.75	−0.17	1.89	−2.37	0.30	−4.58	0.94	−4.24	2.79	−0.05	1.42	−1.48	2.70	+0.34	2.60	−0.69	28.15	−15.07
Newberry	7.53	+3.64	2.44	−1.75	2.05	−1.74	1.01	−1.81	2.90	−0.36	0.84	−3.38	1.51	−3.64	2.01	−3.35	2.49	−0.38	2.14	−0.42	2.70	+0.14	2.70	+0.14	30.32	−14.66
Pelzer	10.20	+5.82	1.34	−3.28	3.52	−1.26	3.86	+0.12	1.40	−2.55	0.90	−3.35	1.28	−4.71	0.78	−4.05	0.48	−2.96	3.06	−0.44	5.06	+2.49	2.90	−2.48	34.78	−16.65
Saluda	9.38	+5.73	1.27	−3.37	1.38	−2.63	1.19	−1.49	1.67	−1.15	2.17	−2.81	1.86	−3.23	1.00	−4.34	1.46	−1.62	2.31	−0.72	2.99	+0.63	2.62	+0.26	29.30	−16.28
Santuck	7.53	+3.83	1.55	−3.24	2.75	−1.68	1.16	−2.06	2.53	−0.53	0.27	−3.79	1.27	−3.84	3.31	−2.42	2.68	−0.58	2.16	−1.08	4.02	+1.28	2.61	−1.55	31.84	−15.66
Spartanburg	7.72	+3.91	1.51	−3.07	3.35	−1.53	1.97	−1.11	3.30	−0.79	1.99	−2.69	1.64	−3.05	1.50	−4.09	1.12	−2.16	2.90	+0.09	3.92	+1.09	1.37	−2.87	32.29	−16.27
Trenton	11.80	+8.47	1.03	−4.06	1.35	−2.94	0.99	−2.36	2.54	−0.57	0.23	−4.38	4.54	−1.33	0.42	−5.45	3.20	+0.02	2.33	−0.76	3.67	+1.29	2.98	−0.82	35.08	−12.50
Walhalla	8.00	+3.21	1.86	−3.44	2.79	−3.80	3.66	−0.99	2.43	−1.33	3.35	−1.94	3.71	−2.71	0.60	−5.67	1.00	−4.07	5.20	+1.72	6.13	+3.25	2.42	−2.85	41.15	−18.62
Winnsboro	8.10	+4.72	1.97	−2.87	1.15	−2.84	1.46	−1.22	1.35	−1.74	4.36	−0.03	5.42	−0.51	2.60	−2.74	4.30	+0.96	1.71	−1.39	2.77	+0.68	3.10	−0.31	38.29	−15.77
Winthrop College	8.57	+5.06	1.93	−2.13	2.15	−1.72	1.40	−1.72	2.16	−2.04	2.99	−2.15	1.61	−3.95	1.72	−3.97	0.71	−2.31	2.27	−0.58	4.57	+2.38	2.48	−1.77	32.56	−14.90
Division means and departures.	8.75	+4.99	1.52	−3.09	2.16	−2.20	1.88	−1.39	2.34	−1.05	1.65	−2.92	2.40	−2.95	1.53	−3.87	1.73	−1.15	3.10	+0.07	3.70	+1.19	2.63	−1.65	33.39	−15.06
Section means and departures.	8.54	+4.95	1.69	−2.63	1.67	−2.21	2.12	−0.92	2.18	−1.46	3.09	−1.71	3.19	−2.70	1.48	−4.40	1.86	−2.14	2.93	−0.06	3.81	+1.52	3.26	−0.21	35.82	−11.97

The departures from the normal precipitation are computed only for such stations as have ten or more years of record.

Monthly and Annual Mean Temperatures for the Year 1925, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
EASTERN PORTION.																										
Blackville	48.0	+0.5	54.8	+6.8	58.0	+0.3	67.6	+3.2	71.2	−2.1	81.6	+2.3	84.0	+2.5	82.0	+1.5	85.2	+9.6	68 9	+3.9	54.2	−1.4	47.8	+0.4	66.9	+2.6
Charleston	50.6	+0.7	56.6	+3.2	59.2	+1.8	66.8	+2.3	71.0	−1.7	79.8	+0.9	82.8	+1.4	81.2	+0.2	82.2	+5.6	68.8	+1.0	56.2	−1.9	49.2	−2.5	67.0	+1.0
Cheraw	42.9	−0.8	51.8	+6.8	56.2	+2.8	65.4	+3.9	67.6	−3.1	79.9	+2.7	81.8	+1.9	79.8	+1.2	81.6	+6.5	63.5	+1.4	50.3	−1.9	43.6	−0.2	63.7	+1.9
Conway	47.8	−0.2	55.0	+7.2	58.7	+2.4	65.7	+3.1	68.4	−2.5	79.2	+2.1	81.8	+2.0	79.8	+0.6	81.4	+7.2	66.3	+1.5	53.6	−0.6	46.8	−0.7	65.4	+1.9
Darlington	42.8	−2.7	53.0	+7.7	56.7	+1.3	65.0	+3.1	68.3	−2.9	79.6	+2.8	[a]81.1	+1 2	80.8	+1.9	82.4	+8.4	64.4	+0.7	[b]50.6	−2.1	47.3	+2.1	64.3	+1.8
Ferguson	47.2	−0.1	54.0	+6.2	57.0	+1.1	65.9	+3.8	69.8	−1.4	81.0	+4.0	81.2	+1.8	80.6	+2.2	82.2	+8.2	66.8	+2.6	[a]52.6	−2.5	.....	.....	.....	.....
Florence 1	45.0	−0.3	55.4	+9.3	58.7	+3.3	[b]67.5	+4.9	70.0	−2.2	81.1	+2.7	83.1	+1.9	81.6	+1.4	83.8	+9.2	.....	.....	.....	.....	.....	.....	.....	.....
Garnett	[c]52.0	.....	[k]55.8	.....	60.8	.....	[f]67.3	.....	[c]68.0	.....	[f]81.8	.....	[b]82.2	.....	[f]80.0	.....	.....	.....	68.6	.....	54.9	.....	[c]48.2	.....	.....	.....
Georgetown	47.8	−1.0	[b]54.8	+5.7	59.2	+1.7	65.8	+2.3	70.0	−2.2	79.0	+0.6	81.2	+0.7	79.6	−0.8	80.8	+4.9	[c]66.8	+0.5	[c]54.0	−2.1	48.2	−0.7	65.6	+0.8
Kingstree	47.8	+0.1	56.4	+8.9	59.4	+2.8	66.8	+3.6	69.4	−2.4	80.0	+2.0	81.2	+0.6	80.2	+0.7	82.3	+8.0	67.4	+2.9	54.0	−0.7	47.2	−0.1	66.0	+2.2
Orangeburg	47.2	.....	54.8	.....	59.4	.....	67.4	.....	69.8	....	81.3	....	82.6	.....	80.9	.....	83.0	.....	68.7	.....	[a]52.8	.....	[b]46.4	.....	66.2	.....
Paris Island	53.4	+1.8	57.6	+6.5	63.3	+4.9	68.0	+3.0	71.4	−2.1	80.2	+1.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pinopolis	48.4	+0.6	55.4	+7.0	58.0	+1.5	64.8	+2.7	66.9	−3.7	78.0	+1.9	78.8	+0.8	[k]79.2	+1.4	80.2	+6 3	66.1	+1.7	.....	.....	48.0	+0.8	.....	.....
St. George	[a]46.9	−0.6	55.2	+7.0	58.7	+1.0	67.5	+3.3	70.2	−2.6	[a]80.8	+2.3	82.4	+1.6	80.4	+0.4	83.3	+8.4	66.8	+1.6	53.0	−3.6	[e]46.8	−1.0	66.0	+1.6
Society Hill	42.8	−1.3	[c]51.9	+7.1	55.9	+1.2	65.8	+4.0	[a]69.4	−1.4	80.4	+3.5	82.9	+3.5	[b]80.8	+2.3	[c]81.2	+8.1	[b]65.0	+2.4	[d]48.4	−3.8	42.8	−2.0	63.9	+1.9
Summerville	49.6	+0.2	55.4	+5.9	58.8	+0.6	66.8	+3.3	70.0	−1.9	80.0	+2.7	82.4	+2.7	[b]78.8	−0 6	[a]82.9	+8.2	67.2	+1.5	54.3	−1.3	.....	.....	.....	.....
Wedgefield	46.1	+0.2	55.2	+6.9	58.6	+3.1	66.9	+4.5	69.4	−1.8	80.6	+3.4	81.4	+2.2	81.2	+3.4	82.8	+8.9	66.6	+2.9	52.4	−1.5	46.3	−1.2	65.6	+2.6
Yemassee	50.6	+2.3	55.8	+6.8	59.7	+1.9	66.2	+2.4	69.0	−3.6	79.5	+0.6	81.6	+0.8	79.8	−0.2	82.8	+7.5	68.4	+2.8	54.7	−0.8	48.4	+0.5	66.4	+1.8
Division means and departures.	47.6	−0.2	54.8	+6.8	58.7	+2.1	66.6	+3.6	69.6	−2.2	80.2	+2.5	81.9	+1.5	80.5	+1.0	82.4	+8.0	66.9	+2.1	53.1	−1.6	46.9	−2.3	65.8	+1.8
WESTERN PORTION.																										
Aiken	46.2	+0.1	54.2	+5.2	59.2	+4.0	67.7	+4.7	70.0	−1.4	81.4	+3.8	82.9	+2.8	82.8	+4.0	85.0	+10.8	67.4	+3.6	54.4	+0.3	47.8	+0.5	66.6	+3.2
Anderson	43.0	−1.3	51.5	+6.8	55.9	+1.9	65.2	+3.8	67.8	−2.6	81.0	+5.4	81.8	+2.2	80.2	+1.8	82.6	+8.9	62.0	−1.4	50.0	−2.8	43.1	−0.7	63.7	+1.9
Caesar's Head	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]72.6	.....	[a]73.2	.....	73.4	.....	73.4	.....	54.8	.....	44.2	.....	38.8	.....	.....	.....
Calhoun Falls	40.6	.....	49.2	.....	53.6	.....	64.8	.....	67.9	.....	81.4	.....	83.2	.....	79.6	.....	82.8	.....	64.7	.....	47.6	.....	41.6	.....	62.8	.....
Camden	45.8	−0.3	[a]52.1	+4.3	55.6	+1.3	[f]66.5	+4.0	69.8	+0.3	81.3	+3.6	82.2	+2.2	82.5	+3.6	83.2	+9.4	67.0	+4.4	.....	.....	.....	.....	.....	.....
Chester	.....	.....	[d]51.2	.....	54.9	.....	64.7	.....	67.2	.....	80.9	.....	81.4	.....	[a]79.4	.....	81.2	.....	[a]62.9	.....	.....	.....	[c]43.0	.....	.....	.....
Clemson College	42.6	0.0	50 3	+7.1	.....	.....	64.4	+4.8	66.4	−2.5	78.8	+3.5	[a]80.0	+2.3	[a]79.8	+2.4	80.8	+8.6	[d]63.2	+1.6	48.6	−2.1	43.4	+0.7	.....	.....
Columbia	44.9	−1.1	53.8	+5.6	57.8	+2.6	66.8	+3.5	69.3	−2.6	81.2	+3.1	82.8	+1.9	80.8	+1.2	82.6	+8.1	65.0	+0.7	51.8	−2.2	45.7	−1.5	65.2	+1.6
Due West	41.9	−1.9	50.3	+5.9	54.5	−1.5	64.1	+3.7	67.1	−2.9	80.6	+4.1	81.8	+2.7	79.5	+1.2	81.8	+8.4	61.0	−1.4	48.8	−4.8	42.9	−3.1	62.9	+0.9
Greenville	41.6	+1.3	50.0	+6.7	54.4	+4.5	64.1	+5.5	66.0	−1.2	79.6	+5.5	80.6	+3.7	78.7	+2.9	80.4	+9.8	59.8	−0.4	48.6	−1.0	43.3	+1.1	62.3	+3.2
Greenwood	43.2	+0.3	51.2	+7.7	54.6	+1.9	65.6	+4.5	66.7	−4.2	79.3	+1.9	81.2	+1.6	78.4	0.0	80.8	+6.7	61.1	−1.1	48.7	−3.3	42.4	−0.6	62.8	+1.4
Heath Springs	42.9	−0.5	51.6	+8.6	55.0	+1.6	65.6	+5.2	68.6	−1.6	79.2	+2.8	80.8	+1.4	78.7	- 0.1	80.6	+7.5	[b]62.2	−0.2	48.8	−3.1	43.6	+1.4	63.1	+1.9
Kershaw	43.0	.....	52.0	.....	55.8	.....	65.6	.....	67.8	.....	80.7	.....	82.0	.....	79.2	.....	82.2	.....	63.5	.....	50.7	.....	43.4	.....	63.8	.....
Landrum	41.6	−0.6	48.9	+4.6	53.4	+2.0	63.2	+3.2	65.5	−1.3	79.3	+4.5	81.6	+5.0	78.0	+1.7	80.3	+8.4	60.3	−2.2	47.3	−3.4	40.3	−2.3	61.6	+1.6
Laurens	41.2	.....	49.8	.....	[d]55.0	.....	63.4	.....	66.0	.....	80.6	.....	82.6	.....	79.8	.....	82.4	.....	61.8	.....	49.0	.....	42.7	.....	C2.9	.....
Liberty	41.0	−1.9	48.8	+5.4	52.9	+0.2	63.2	+2.6	65.6	−4.5	78.8	+2.5	80.3	+1.3	77.8	−0.2	78.4	+5.9	[a]59.8	−1.2	[d]47.1	−3.8	[k]39.6	−3.2	61.1	+0.2
Little Mountain	[i]42.8	−2.7	[g]50.0	+4.2	56.0	+0.6	65.4	+3.6	66.2	−5.7	79.4	+1.6	81.4	+1.1	80.0	+0.7	80.7	+6.0	[b]62.2	−2.2	50.7	−3.2	43.9	−1.7	63.2	+0.2
Newberry	.....	.....	51.6	+6.3	55 8	+1.2	65.8	+3.6	68.4	−2.8	82.1	+3.9	83.8	+3.1	81.0	+1.5	82.8	+8.6	63.0	−0.6	50.3	−2.0	43.8	−0.5	.....	.....
Saluda	43.1	−2.0	51.1	+4.5	55.2	−0.7	66.0	+3.7	[a]67.9	−3.3	81.4	+3.9	83.0	+3.0	80.6	+1.4	83.2	+9.1	64.3	+0.5	50.6	−2.1	44.4	−1.0	64.3	+1.5
Santuck	41.7	−1.4	49.2	+6.0	53.2	0.0	63.3	+2.9	66.0	−4.3	80.2	+3.5	82.2	+2.6	78.6	+0.1	80.6	+7.4	61.4	-0.7	46.5	−4.7	41.0	−2.1	62.0	+0.8
Spartanburg	40.2	−1.4	48.9	+6.1	53.2	+2.1	63.4	+3.3	67.0	−2.4	80.4	+4.4	80.0	+0.9	79.0	+1.5	79.3	+7.3	58.8	−0.3	48.6	−2.7	43.4	+1.5	61.0	+0.7
Trenton	45.5	−1.1	52.8	+6.6	57.3	+1.3	68.2	+5.5	70.4	−1.7	83.6	+5.4	83.6	+3.4	81.8	+2.3	83.4	+8.4	65.4	+3.1	52.1	−3.9	45.8	−1.3	65.7	+2.3
Walhalla	42.2	0.0	48.8	+5.7	[e]50.8	−0.5	62.8	+4.5	65.2	−2.1	77.8	+3.1	78.2	+1.2	78.2	+1.8	[f]79.8	+9.0	[d]58.2	−2.6	47.2	−3.6	42 2	−1.1	61.6	+1.3
Winnsboro	[d]42.0	−2.2	[e]51.6	+6.5	[a]55.3	+1.8	[g]68.1	+7.0	[f]68.4	−2.6	[e]81.4	+4.7	[a]81.6	+2.0	[b]78.2	+0.1	[a]79.9	+6.7	.....	.....	49.4	-3.5	[b]43.8	+1.1	.....	.....
Winthrop College	42.8	−0.7	50.5	+7.1	55.0	+1.7	65.0	+4.2	67.0	−3.1	81.1	+5.0	81.6	+2.5	79.0	+0.6	81.4	+8.8	62.4	0.0	49.5	−2.2	43.2	+0.2	63.2	+1.5
Division means and departures.	42.7	−1.5	50.8	+5.9	54.9	+1.2	65.1	+4.0	67.4	−3.0	80.5	+3.8	81.3	+2.0	80.1	+1.8	81.2	+8 0	62.0	−0.6	48.7	−3.6	43.0	−1.2	63.1	+1.3
Section means and departures.	44.9	−0.6	52.4	+5.3	56.6	+1.6	65.9	+3.7	68.3	−2.7	80.4	+2.8	81.5	+1.7	80.2	+1.3	81.7	+7.3	63.9	+0.4	50.4	−3.3	44.4	−2.2	64.2	+1.2

The departures from the normal temperature are computed only for such stations as have ten or more years of record.

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

(CONTINUED FROM PAGE 49.)

WEATHER BY MONTHS.

January.—Precipitation was decidedly above all previous averages for the month, the heavy rains at intervals being followed by the only damaging floods of the year. Temperatures were somewhat below normal. A glaze and sleet storm was generally prevalent on the 28th and 29th. A severe windstorm occurred at Barnwell on the 16th. Measurable snowfall occurred at but two stations.

February.—The month was remarkably mild, and precipitation was much below normal. Snow flurries occurred at a few stations on the 11th and 26th.

March.—Generally mild and unusually dry weather prevailed. Measurable snowfall occurred only at Ceasar's Head. Rather severe windstorms prevailed at two points on the 19th and 31st.

April.—Rainfall continued below normal, and the month was unseasonably warm, the April maximum temperature record for the Section being broken on the 24th and 25th. One person was killed by lightning. The last general spring killing frosts occurred during the first three days. The woods were generally green by the 9th.

May.—Precipitation was much below the average, with temperatures abnormally low, on the whole. All streams were unusually low. A rather severe hailstorm occurred at Ehrhardt on the 19th.

June.—Excessive heat and decidedly deficient rainfall marked the month. Streams continued unusually low, especially the Congaree River. Lightning and hail caused material damage around Manning on the 5th and 9th.

July.—Precipitation averaged the lowest of record for July, and the month was unusually warm. Eleven persons were killed by lightning, and material damage by storms occurred on the 4th, 6th, 25th, 26th, and 27th. All streams continued extremely low.

August.—Unprecedented drought characterized the month, and many maximum temperature records were broken. Streams were the lowest of record in most sections, power was materially curtailed, stock water became scarce, and many deep wells failed. A wind squall caused some damage near Walhalla on the 26th.

September.—Unprecedented heat, culminating on the 4th and 8th in the Section highest temperature for all months being overtopped, together with less than half the normal rainfall, further intensified the record-breaking drought. Two persons were killed by lightning, and property damage by storms occurred on the 15th, 16th, and 23d. Streams continued extremely low.

October.—Although the average rainfall was only somewhat below normal, the prolonged drought was not relieved to any extent until after the 23d. Temperatures ranged somewhat above the average. Damaging storms occurred in sections of Abbeville, Anderson, Greenville, Laurens, and Spartanburg Counties on the 25th; a small tornado was observed at Owings, and five persons were injured. Heavy to killing frosts were quite general in the interior on the 11th, 20th, 21st, and 29th. Streams continued remarkably low, and the Congaree River had remained below zero practically from the close of May until October 27.

November.—The persistant drought since the close of January was effectively broken by generous rains during the first two weeks, but stream flow was only temporarily improved. The first autumnal killing frost line extended to the lower coast by the 24th. The woods were bare by the 26th.

December.—The month was considerably colder than usual, and precipitation was somewhat below normal. Snow flurries occurred at Kingstree on the 30th. The year closed with the lowest annual average rainfall of record for the Section, notwithstanding the heavy rains of January.

COMPARATIVE DATA FOR SOUTH CAROLINA.

Year.	Temperature.			Precipitation		Average number of days.			Prevailing wind direction.
	Mean.	Highest.	Lowest.	Average.	Average days with 0.01 inch or more.	Clear.	Partly Cloudy.	Cloudy.	
1887	62.3	110	5	43.43	101	.....	.....	.....	.....
1888	61.8	108	13	54.63	104	.....	.....	.....	sw.
1889	62.0	102	10	46.76	86	.....	.....	.....	se. †
1890	64.4	104	11	42.29	.....	.....	.....	.....	sw.
1891	63.0	.....	13	47.52	.....	.....	.....	.....	.....
1892	62.4	102	6	47.36	.....	.....	.....	.....	.....
1893	63.0	104	3	53.68	98	.....	.....	.....	sw.
1894	63.5	105	− 1	50.49	105	154	123	88	sw.
1895	61.9	105	− 6	48.99	88	154	116	95	sw.
1896	63.9	104	5	44.95	86	163	119	84	sw.
1897	63.3	107	3	46.40	99	158	102	105	sw.
1898	63.2	106	8	49.26	107	143	111	111	sw.
1899	62.8	105	−11	46.76	95	158	104	103	sw.
1900	63.2	106	1	49.79	96	167	99	99	sw.
1901	61.1	102	2	54.98	106	167	102	96	sw.
1902	62.6	107	10	46.43	98	172	99	94	sw.
1903	62.2	105	10	50.87	103	166	95	104	sw.
1904	61.7	105	8	40.98	95	188	87	91	sw. †
1905	62.6	107	0	45.10	92	169	85	111	sw. †
1906	63.3	102	11	54.81	107	159	103	93	sw.
1907	63.3	106	12	47.79	99	157	123	75	sw.
1908	63.7	100	12	53.33	94	169	114	83	sw.
1909	63.4	105	7	44.61	91	178	113	73	sw.
1910	62.7	103	11	45.31	91	181	111	73	sw.
1911	64.9	106	16	39.80	91	161	120	84	sw.
1912	62.5	109	6	54.32	102	177	70	119	sw.
1913	63.8	109	16	47.57	93	181	81	103	sw.
1914	62.5	108	11	43.39	96	163	110	92	w.
1915	62.9	106	17	48.89	93	190	92	83	w.
1916	63.4	103	10	43.91	93	184	97	85	sw.
1917	61.4	102	− 5	43.49	97	192	85	88	sw.
1918	63.2	106	− 2	46.48	94	186	85	94	sw.
1919	64.1	103	8	46.79	88	189	88	88	ne.
1920	61.9	105	6	52.24	93	183	83	100	ne.
1921	64.8	104	17	42.83	90	178	97	90	w.
1922	64.0	101	14	58.17	112	163	91	111	ne.
1923	63.1	104	11	46.60	98	176	85	104	sw.
1924	61.7	105	1	56.99	97	196	71	99	w.
1925	64.2	111	1	35.82	81	195	80	90	s. †
Annual	63.0	111	−11	47.75	96	173	98	94	sw.

† Also other directions.

MONTHLY AND ANNUAL CLIMATOLOGICAL DATA FOR SOUTH CAROLINA, YEAR 1925.

Months.	Temperature.				Precipitation.			Relative humidity.			Percentage of possible sunshine.	Number of days.				Wind.	
	Mean.	Departures.	Highest.	Lowest.	Average.	Departures.	Greatest local monthly amount.	Average—8 a. m.	Average—Noon.	Average—8 p. m.		Rainy.	Clear.	Partly Cloudy.	Cloudy.	Average hourly velocity.	Prevailing direction.
January	44.9	−0.6	76	18	8.54	+4.95	12.50	86	70	75	45	11	12	4	15	7.4	ne.
February	52.4	+5.3	80	19	1.69	−2.63	3.05	83	61	70	63	7	15	4	9	7.6	s.
March	56.6	+1.6	90	9	1.67	−2.21	3.52	78	59	59	74	5	20	6	5	8.7	w.
April	65.9	+3.7	99	25	2.12	−0.92	5.41	76	51	63	71	6	18	6	6	8.1	s.
May	68.3	−2.7	100	33	2.18	−1.46	6.90	70	50	62	72	6	19	7	5	7.2	w.
June	80.4	+2.8	105	58	3.09	−1.71	7.93	77	53	67	66	8	14	10	6	7.0	sw.
July	81.5	+1.7	106	56	3.19	−2.70	13.95	79	55	68	68	6	15	11	5	7.0	s.
August	80.2	+1.3	109	53	1.48	−4.40	3.31	78	50	73	73	4	21	7	3	7.2	ne.
September	81.7	+7.3	111	55	1.86	−2.14	5.55	81	53	68	70	5	17	9	4	6.3	s.
October	63.9	+0.4	98	26	2.93	−0.06	6.35	80	59	69	58	8	15	7	9	8.2	ne.
November	50.4	−3.3	82	15	3.81	+1.52	9.52	81	62	71	52	7	14	5	11	8.5	ne.
December	44.4	−2.2	77	1	3.26	−0.21	7.38	78	62	68	51	8	15	4	12	8.5	w.
																	s.
Annual	64.2	*+1.9	111	1	35.82	*−1197	13.95	79	57	68	64	81	195	80	90	7.6	ne.

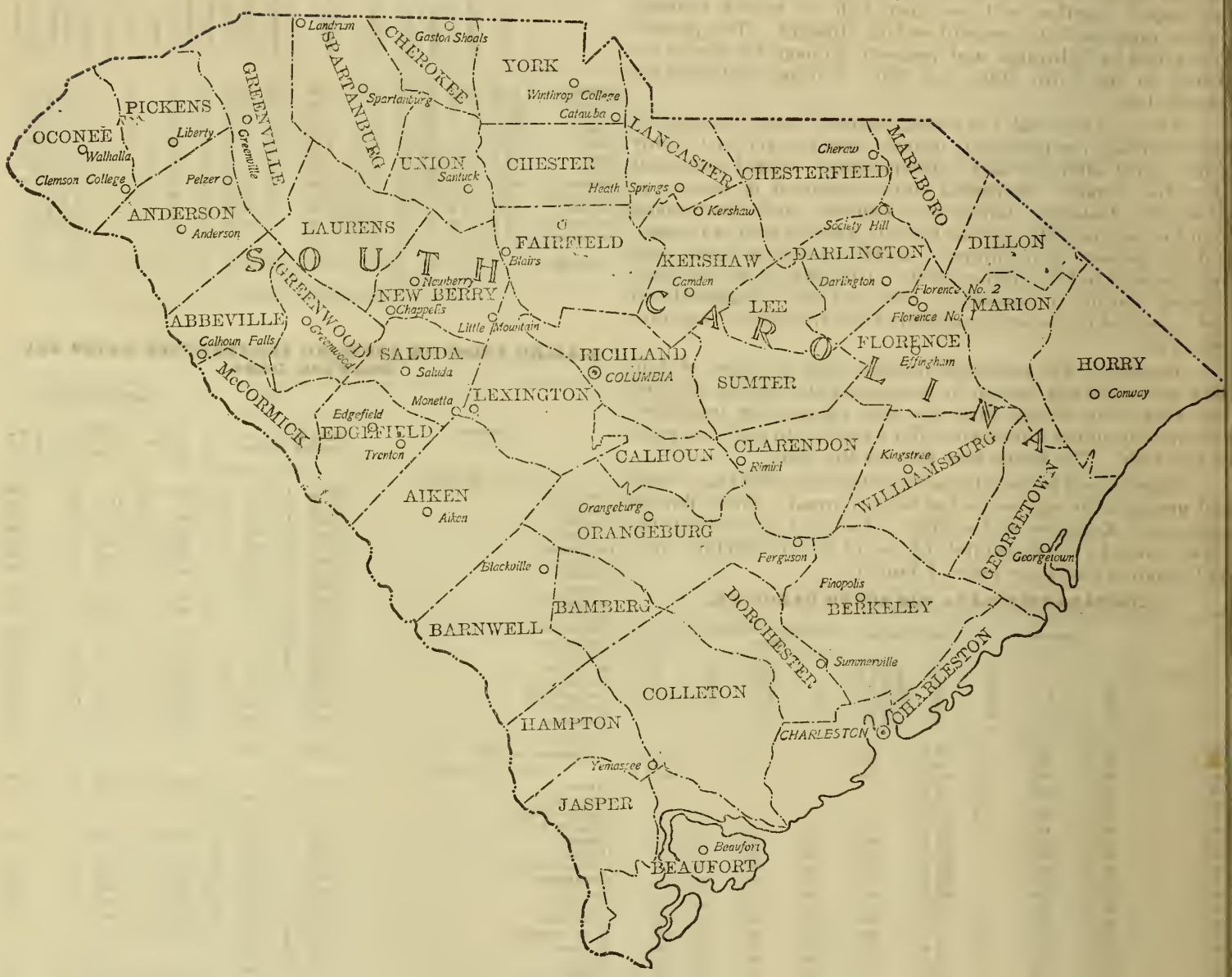
* From 38-year averages.

KILLING FROST OR FREEZING TEMPERATURE DATES AND GROWING DAYS.

Stations.	1925.		Averages—all records.		
	Last in spring.	First in autumn.	Last spring date.	First autumn date.	No. of growing days.
EASTERN PORTION.					
Blackville	Mch. 4	Nov. 23	Mch. 20	Nov. 12	237
Charleston	Mch. 3	Nov. 24	Feb. 20	Dec. 10	293
Cheraw	Mch. 4	Oct. 11	Mch. 29	Nov. 3	219
Conway	Apr. 4	Oct. 11	Mch. 23	Nov. 8	230
Darlington	Mch. 4	Oct. 11	Mch. 31	Nov. 2	216
Ferguson	Mch. 30	Oct. 21	Mch. 28	Nov. 7	224
Florence No. 1	Mch. 4	.....	Mch. 23	Nov. 11	233
Garnett	Mch. 4	Nov. 17	.....	.....	.....
Georgetown	Mch. 4	Nov. 17	Mch. 10	Nov. 18	253
Kingstree	Mch. 4	Nov. 17	Mch. 16	Nov. 15	244
Orangeburg	Mch. 4	Nov. 17	.....	.....	.....
Paris Island	Feb. 12	.....	Feb. 24	Dec. 1	280
Pinopolis	Mch. 4	.....	Mch. 6	Nov. 26	265
St. George	Mch. 4	Nov. 17	Mch. 11	Nov. 13	247
Society Hill	Mch. 4	Oct. 10	Mch. 22	Nov. 8	231
Summerville	Mch. 4	Oct. 11	Mch. 15	Nov. 14	244
Wedgefield	Mch. 4	Nov. 17	Mch. 22	Nov. 19	242
Yemassee	Apr. 1	Nov. 22	Mch. 13	Nov. 12	244
Normal	.....	.....	Mch. 17	Nov. 13	241
Averages for 1925	Mch. 8	Nov. 4	.....	.....	241
WESTERN PORTION.					
Aiken	Mch. 6	Nov. 24	Mch. 16	Nov. 18	247
Anderson	Apr. 1	Nov. 23	Mch. 27	Nov. 5	223
Caesar's Head	.....	Oct. 20	.....	.....	.....
Calhoun Falls	Apr. 1	Oct. 20	.....	.....	.....
Camden	Mch. 4	Nov. 17	Mch. 11	Nov. 11	245
Chester	Apr. 1	Nov. 9	.....	.....	.....
Clemson College	Apr. 1	Oct. 20	Apr. 2	Nov. 3	215
Columbia	Mch. 4	Nov. 24	Mch. 18	Nov. 18	245
Due West	Mch. 4	Nov. 17	Mch. 21	Nov. 10	234
Greenville	Mch. 4	Nov. 24	Apr. 3	Nov. 2	213
Greenwood	Mch. 4	Nov. 10	Mch. 25	Nov. 8	228
Heath Springs	Mch. 4	Nov. 17	Mch. 29	Nov. 4	220
Kershaw	Mch. 4	Oct. 11	.....	.....	.....
Landrum	Mch. 21	Oct. 11	.....	.....	.....
Laurens	Apr. 1	Oct. 11	.....	.....	.....
Liberty	Apr. 1	Oct. 11	Mch. 31	Nov. 2	216
Little Mountain	Apr. 1	Oct. 21	Mch. 25	Nov. 11	231
Newberry	Apr. 1	Nov. 10	Mch. 30	Nov. 4	219
Saluda	Apr. 2	Oct. 11	Apr. 5	Oct. 26	204
Santuck	Apr. 3	Oct. 11	Apr. 3	Oct. 31	211
Spartanburg	Apr. 1	Oct. 11	Mch. 30	Nov. 1	216
Trenton	Apr. 1	Nov. 23	Mch. 21	Nov. 14	238
Walhalla	Apr. 1	Oct. 11	Apr. 8	Oct. 29	204
Winnsboro	Apr. 1	Nov. 17	Mch. 27	Nov. 12	230
Winthrop College	Apr. 1	Oct. 29	Mch. 29	Nov. 5	221
Normal	.....	.....	Mch. 27	Nov. 7	225
Averages for 1925	Mch. 22	Oct. 31	.....	.....	223
Section Normal	.....	.....	Mch. 23	Nov. 10	232
Section averages for 1925	Mch. 16	Nov. 2	.....	.....	231

NOTE.—Killing frost data in above table determined according to the following standard: Last or first clear or partly cloudy day with temperature of 32° or lower and last or first cloudy day with 31° or lower, but without rain, sleet or snow; in case of precipitation, then the next preceding or succeeding day with proper temperature and weather was used. The average number of growing days is the difference between the average spring and autumn killing frost dates. *1925.

MAP SHOWING LOCATION OF OBSERVATION STATIONS.



KEY TO SYMBOLS.

⊙ Meteorological observations. (Regular Weather Bureau Stations, including Greenville.)

○ Meteorological observations. (Sub stations.)

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CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., JANUARY, 1926. No. 1.

GENERAL SUMMARY.

The month was high in the group of wet Januarys, and temperatures averaged somewhat below normal, with no marked extremes.

The growth of wheat, oats, rye, and hardy winter truck was relatively slow incident to considerable cloudiness and rather low temperatures, on the whole, with warm and cold periods about evenly divided. Grain fields made good pasturage during the latter half of the month. Tree fruits maintained good condition. Intermittent rains and wet soil prevented much spring plowing, except about the middle of the month. Hog butchering made good progress under favorable conditions.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.10 inches. The highest pressure was 30.62 inches at Asheville, N. C., on the 23d, and in the Section proper, 30.58 inches at Due West on the same date; the lowest pressure was 29.49 inches at Asheville, N. C., on the 21st, and in the Section proper, 29.52 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 44.1°, or 1.4° below the normal. The highest temperature was 76° at Blackville on the 21st and at Ferguson on the 7th. The warm periods were from the 2d to 6th and 17th to 22d, inclusive The lowest temperature was 12° at Caesar's Head on the 14th. The cold periods were on the 1st and from the 8th to 14th and 23d to 30th, inclusive, except on the 28th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 67%; 8 p. m., 72%. The highest percentages occurred in the northwestern and northern counties, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 6.18 inches, or 2.52 inches above the normal. There were five periods of precipitation, which was only fairly well distributed. In the Piedmont, middle Savannah drainage basin, and a small section of the east-central counties, the amounts were 7 to over 9 inches and ranged downward to less than 5 inches in a considerable area of the coastal plain and the northern interior. The greatest local monthly amount was 9.52 inches at Walhalla; least local monthly amount, 4.47 inches at Kershaw. The greatest amount during any 24 hours was 5.15 inches at Caesar's Head on the 17-18th. The average number of rainy days was 38% above normal.

Snowfall, ranging from Traces to 6.0 inches, occurred at various stations on the 8th, 9th, 25th, and 26th. Sleet occurred in numerous localities on the 7th, 8th, 12th, 24th, 25th, 26th, and 30th.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.6 miles. The highest average velocity was 12.0 miles per hour Savannah, Ga., and in the Section proper, 10.1 miles per hour at Due West; the lowest average velocity was 5.6 miles per hour at Charlotte, N. C., and in the Section proper, 7.7 miles per hour at Columbia. The highest velocity for any 5-minute period was 42 miles per hour from the northeast at Charleston on the 7th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 anemometer records, was 142.2 hours, or 43% of the possible amount. The average number of clear days was 11; partly cloudy, 6, and cloudy, 14, as against normals of 13, 7, and 11 days, respectively.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in the Saluda, Broad, Congaree, and Santee Rivers after the rains of the 17th and 18th, and the Santee River was in flood at Rimini and Ferguson at the close of the month. Unavoidable losses approximated $370, and the value of movable property saved by warnings approximated $8,325.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 22, 27; Due West, 2, 23, 28, 29; Greenville, 23, 28; Saluda, 2; Santuck, 2, 30; Walhalla, 23. *Solar:* Columbia, 2, 23, 28; Due West, 2, 15, 21, 23, 28, 29; Greenville, 2, 23, 28, 29.

Thunderstorms.—Columbia, 18; Due West, 31; Ferguson, 6.

Fog, dense.—Charleston, 4, 5, 6, 31; Due West, 4, 5, 17; Greenville, 5; Garnett, 5; Rimini, 6, 21, 31; Saluda, 17.

ERRATA.

December, 1925.—Columbia: Maximum temperature, 2d, page 48, should be 57 and mean maximum should be 54.5. Monthly mean temperature, pages 45 and 46, should be 45.7.

MISCELLANEOUS DATA FOR JANUARY, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.10	37.0	63	15	3.39	1.72	9.5	nw.	81	61	66	46
Augusta, Ga.....	30.11	46.5	72	25	8.13	1.87	5.7	w.	86	70	75	51
Charleston, S. C...	30.10	48.6	71	31	5.02	1.53	9.7	w.	82	71	77	42
Charlotte, N. C...	30.09	41.0	67	21	5.47	2.00	5.6	sw.	83	75	74	46
Columbia, S. C....	30.11	45.6	70	23	6.11	1.46	7.7	sw.	82	59	64	31
Due West, S. C....	30.13	42.4	66	21	6.12	1.38	10.1	sw.	84	62	....	47
Greenville, S. C...	30.08	42.0	65	23	7.73	3.30	10.0	sw.	80	70	71	42
Savannah, Ga.....	30.10	49.8	75	30	5.67	1.71	12.0	w.	80	68	70	41
Wilmington, N. C.	30.11	46.6	70	26	5.01	1.18	7.4	w.	84	65	78	45
Means and extremes	30.10	44.4	75	15	5.85	3.30	8.6	sw. w.	82	67	72	43

Climatological Data for January, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	45	[l]48.6	−3.0	[k]71	†21	[l]30	14	[l]29	6.52	+3.79	1.63	0	12	....	....	....	.....	Trower Cravens.
Blackville	Barnwell	296	42	46.0	−1.5	76	21	22	1	41	8.71	+5.79	1.90	0	10	11	3	17	...	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	48.6	−1.3	71	21	31	1	27	5.02	+1.57	1.53	0	12	6	5	20	w.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	43.8	+0.1	72	20	18	1	44	5.40	+2.50	1.20	2.0	11	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	36	46.7	−1.3	71	20	18	1	46	6.57	+3.10	1.23	0	14	11	3	17	sw.	Paul Quattlebaum.
Darlington	Darlington	175	31	44.0	−1.5	73	20	22	2	43	5.97	+3.42	1.35	0	12	10	6	15	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	6.14	+2.78	1.02	0	13	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	44.9	−2.4	76	7	25	14	42	4.96	+1.38	0.90	0	10	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. K. Gilbert.
Florence 2	....do	136	11	.....	.....	.....	.....	.....	.....	.....	5.27	+2.47	1.17	0	11	11	3	17	w.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	[e]47.3	.....	[e]74	4	[e]22	1	[e]41	7.00	.....	1.97	0	13	7	10	14	w.	Maner B. Robert.
Georgetown	Georgetown	18	33	47.6	−1.2	72	†20	20	1	47	6.21	+2.81	1.68	0	5	19	6	6	nw.	A. P. Hazard.
Kingstree	Williamsburg	54	44	47.6	−0.1	73	†20	21	1	42	5.11	+2.05	0.90	0	12	15	2	14	n.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	5.50	.....	0.80	0	19	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	47.1	+0.2	73	21	22	1	42	5.79	+2.03	1.05	0	11	10	8	13	sw.	U. S. Fisheries Station.
Pinopolis ††	Berkeley	54	79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	.....	5.03	+2.05	1.06	0	9	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	46.4	−1.1	73	21	21	1	41	4.67	+0.58	1.60	0	10	12	9	10	.....	R. L. Utsey.
Society Hill	Darlington	192	35	[b]43.0	−1.1	[b]71	20	[b]18	† 1	[b]48	6.01	+3.01	1.55	0	12	12	4	15	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	[j]47.2	−2.2	[j]73	21	[j]21	1	[j]35	5.24	+1.18	1.30	0	8	13	1	17	sw.	D. P. Dehon.
Wedgefield	Sumter	249	36	46.6	+0.7	71	2	22	1	43	6.69	+3.27	1.80	0	10	17	0	14	w.	W Hampton Ramsey
Yemassee	Hampton	24	57	48.2	−0.1	72	†19	21	1	44	5.39	+2.62	1.55	T.	12	11	2	8	ne.	W. C. Hutson.
Division means and	extremes	.....	....	46.5	−1.3	76	† 7	18	† 1	48	5.86	+2.79	1.97	0.1	11	12	4	15	w.	
Western Portion.																				
Aiken	Aiken	527	64	47.2	+1.1	71	21	26	† 1	36	7.75	+4.17	1.23	0	10	7	2	22	w.	Frank B. McCoy.
Anderson	Anderson	764	33	42.0	−2.3	67	†19	21	14	36	7.00	+3.07	1.26	0	11	13	2	16	w	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	5.50	+2.02	1.37	0	11	....	....	....	....	Esther B. Owens.
Cesars Head‡‡	Greenville	3118	2	[a]36.0	.....	[a]61	21	12	14	[a]49	8.13	.....	5.15	6.0	5	8	6	17	.....	Caesar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	40.5	.....	72	7	18	†14	38	6.56	+2.56	1.60	0	11	7	9	15	w.	L. M. Parker.
Camden	Kershaw	222	76	44.5	−1.6	74	20	19	1	44	7.77	+4.39	1.70	0	12	15	0	16	ne.	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	4.89	+1.42	1.32	0	8	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	6.19	+2.87	1.45	0	12	....	....	....	.....	George V. Clamp.
Chester	Chester	487	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	34	43.1	+0.5	70	25	15	1	44	8.46	+3.54	2.41	0	11	9	9	13	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	45.6	−0.4	70	20	23	1	32	6.11	+2.82	1.46	0	13	6	12	13	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	12	42.4	−1.4	66	21	21	1	33	6.12	+2.49	1.38	0.2	12	8	5	15	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	5.85	+2.05	1.20	0	11	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	6.21	+2.25	2.35	2.0	9	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	42.0	+1.7	65	19	23	10	33	7.73	+3.22	3.30	2.4	12	9	8	14	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	41.5	−1.4	69	22	21	14	44	5.59	+1.81	1.20	0	12	14	0	17	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	24	43.4	0.0	68	21	22	26	36	4.57	+0.98	0.90	0	10	11	4	16	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	10	43.2	−0.9	69	†19	22	† 1	39	4.47	+0.07	1.85	0	7	11	1	19	w	John W. Hamel.
Landrum	Spartanburg	1063	11	40.3	−1.9	60	†20	20	11	35	6.54	+0.71	2.08	0	9	13	8	10	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	42.2	.....	71	21	18	1	44	5.94	+1.04	1.37	0	11	10	15	6	sw.	L. G. Roff.
Liberty	Pickens	900	26	.....	.. ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	O. F. Boggs.
Little Mountain	Newberry	711	33	44.4	−1.1	70	20	23	†14	39	5.30	+1.92	1.25	T.	12	14	7	10	w.	Miss Alberta Sease.
Newberry	Newberry	502	22	44.0	−0.8	70	20	20	1	43	6.60	+2.61	1.46	T.	12	12	5	14	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	7.68	+3.30	2.70	2.2	13	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	44.3	−1.1	69	21	21	1	40	6.10	+2.45	1.15	T	12	9	9	13	sw.	W. S. Crout.
Santuck	Union	512	33	40.6	−2.5	65	†21	15	1	45	5.38	+1.68	1.39	1.0	11	10	9	12	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	40.8	−0.8	66	21	15	1	45	7.42	+3.61	3.75	4.0	8	....	....	....	.....	M. H. Daniel.
Trenton	Edgefield	620	33	45.7	−0.9	71	20	23	14	38	6.27	+2.94	1.03	0	11	9	8	14	nw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	40.6	−1.6	67	20	16	1	44	9.52	+4.73	4.25	3.0	11	11	10	10	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	32	42.2	−2.0	69	20	22	14	34	4.78	+1.40	1.35	T.	11	14	3	14	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	26	42.2	−1.3	67	19	21	†10	39	4.99	+1.48	1.75	0.1	12	9	9	13	sw.	W. T. Clawson.
Division means and	extremes	.....	....	42.6	−1.6	74	20	12	14	49	6.41	+2.65	5.15	0.7	11	11	6	14	w.	
Section means and	extremes	.....	....	44.1	−1.4	76	† 7	12	14	49	6.18	+2.52	5.15	0.4	11	11	6	14	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Caesar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for January, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort	Coast				.09		1.31	.06	.56	.02									.21	.16			.20			1.30	.79				1.63	.19	6.52
Blackville ‖‖	Edisto			1.05	.54	1.00	.72		1.40										.90							1.00	.20				1.40	.50	8.71
Charleston ***	Coast			.03	.01	.24	.86	.57	.17									T.	.35				.10		T.	1.53	T.			.17	.92	.07	5.02
Cheraw ‖‖	Pee Dee				.21	.69	.22		.68	.24									.92	.42			T.			.16	.23				.43	1.20	5.40
Conway ‖‖	Waccamaw				.11	.06	1.15	.08	.88	.09									.61	.65			.07			.37	.84	.03			.40	1.23	6.57
Darlington ‖‖	Pee Dee				.21	.52	.33		.84	.10									1.35	.65			.15			.40	.32				.45	1 25	5.97
Effingham ‖‖	Lynches				.15	.23	1.02	.11	.77	.06									.94	.07			.25			.61	.22				.74	.97	6.14
Ferguson ‖‖	Santee				.05	.09	.78		.47	T.									.90				.18			.80	.60				.52	.57	4.96
Florence 1 ‖‖	Pee Dee																																
Florence 2 ‖‖	do				T.	.55	.47	.82	T.	.04									.90	.15			.18			.23	.22				.54	1.17	5.27
Garnett	Savannah					.20	1.97	.02	.63	T.								.05	.50				.15		.07	1.16	.01				1.90	.25	7.00
Georgetown	Coast				T.		1.68	T.	.90										.90							1.33					1.40		6.21
Kingstree ‖‖	Black				.10	.02	.80	.02	.50	.05									.76				.22			.64	.55				.90	.55	5.11
Mars Bluff	Pee Dee					.45	.65		.70											.80			.40			.50	.30					1.70	5.50
Orangeburg	Edisto			T.	.13	1.05	.74	.05	.60	T.								.06	.96				.16		T.	1.02	T.				.68	.34	5.79
Pinopolis	Cooper																																
Rimini ‖‖	Santee					.21	1.06		.86										.36				.18			.96	.15				.60	.65	5.03
St. George	Edisto					.10	1.00	.05	.30										.60				.30			.80	.60				.70	.22	4.67
Society Hill ‖‖	Pee Dee	.58			.51	.28			.78	.28									.64	.19			.25			.22	.50				.23	1.55	6.01
Summerville	Ashley			.30	.02		1.00	.50											.80				.02			1.30					1.30		5.24
Wedgefield	Wateree				.60	.85	.50	.10	1.00										.50				.29			.75					1.80	.30	6.69
Yemassee ‖‖	Ashepoo				.09		1.02	.08	.50	.04									.52				.13			.60	.70	.02			1.55	.14	5.39
Western Portion.																																	
Aiken	Edisto				.73	1.09	.77	.19	1.23									.27	1.23				.45								1.18	.61	7.75
Anderson	Savannah			.22	1.18	1.08	.08		.52									.79	1.26				.40			.21					.32	.94	7.00
Blairs ‖‖	Broad			.03	.65	.75	.17		.80	.12									.92				.17			.20	T.				.32	1.37	5.50
Cesar's Head	Saluda					.55			.40										5.15				1.00			.20					1.23		8.53
Calhoun Falls ‖‖	Savannah				.48	1.32	.20		.72	.09								.25	1.20				.40			.14					.16	1.60	6.56
Camden ‖‖	Wateree				.20	.50	.41		1.06	.40									1.50	.05			.31			.62	.30				.72	1.70	7.77
Catawba ‖‖	Catawba				.20	.90	.10		.75										1.32				.24			.20					.20	.98	4.89
Chappells ‖‖	Saluda			.03	.66	.90	.11		.81	.05									1.45				.25			.26	.03				20	1.44	6.19
Chester	Broad																																
Clemson College	Savannah				.02	.11	.84			.04	.68							2.00	2.41				.72			.02					.21	1.41	8.46
Columbia ***	Congaree				.13	.27	.63	.19	.86	.42								.05	1.02		T.		.29		.03	.33				T.	1.43	.26	6.11
Due West***	Savannah		T.	.31	1.19	.69		.39	.27				T.					.80	.58			.36	.14			.14					.41	.91	6.12
Edgefield ‖‖	Savannah					1.20	.20	.22	1.10									.10	.70				.75			.40	.10				.40	.90	5.85
Gaston Shoals ‖‖	Broad				.29	.94			.69	.12									2.35				.22								.10	1.30	6.21
Greenville ***	Saluda			.21	1.16	.29		.22	.49									2.04	1.26			.44	.08			.22	T				.39	.93	7.73
Greenwood ‖‖	do			.06	.64	.72	.11		.66	.08								.18	1.20				.37			.21					.24	1.12	5.59
Heath Springs	Wateree		.06		.42	.57			.80									06	.90			.10				.30					.82	.54	4.57
Kershaw ‖‖	Lynches				.50	.12	.19	.10	.74										.95													1.85	4.47
Landrum	Broad				.81	.38			.21									.26	2.08				.93			.29					.32	1.26	6.54
Laurens	Saluda				.20	.85	.84		.08	.51	T.							.48	1.37				.36			.15					.45	.65	5.94
Liberty	Savannah																																
Little Mountain	Saluda			T.	.90	.10	.06	.05	1.10	.01				T.				.10	.67				.16				.35				1.25	.52	5.30
Newberry	Saluda			.32	.92	.43	.06	.27	.69	T.			T.					.39	.73				.30			.26					1.46	.77	6.60
Pelzer ‖‖	do			.04	.66	1.46	.04		.50	.08								.10	2.70				.40			.22	.02				.12	1.34	7.68
Saluda	do			.03	1.15	.27	.10	.12	1.02	T.								.24	.53				.66			.35					1.10	.53	6.10
Santuck	Broad			.07	.81	.52	.03		.73									.30	1.09				.17			.17					.67	.82	5.38
Spartanburg ‖‖	do				.32	T.			.10	.50								.25	3.75				.40			.30					1.80		7.42
Trenton	Edisto				1.03	.25	.23	.22	.93									.20	.46				.85			.58					1.01	.57	6.27
Walhalla	Savannah			.21	1.45	.55	.01		.52									1.25	3.00				.94			.15	T.				.20	1.24	9.52
Winnsboro ‖‖	Broad				.68	.58	.15		.33	.17									.90				.16			.25	.15				.26	1.35	4.78
Winthrop College	Catawba			.62	.72	.40			.15	.10	.07	.05						.30	1.75				.18			.10						.55	4.99

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	40.1	73	5	2.80	8				
1888	46.2	76	15	2.94	10				nw.
1889	44.9	78	15	5.81	10				ne.
1890	54.1	81	17	1.16	6				sw.
1891	46.2	75	21	3.56					w.
1892	42.7	72	16	6.75					nw.
1893	38.0	71	3	2.52	6				
1894	47.9	77	19	3.15	10	10	9	12	ne.
1895	44.2	80	5	7.31	13	9	9	13	sw.
1896	43.8	72	9	3.02	6	12	10	9	ne.
1897	42.2	76	3	2.29	7	13	8	10	nw.
1898	49.2	82	8	1.80	6	12	10	9	sw.
1899	44.4	78	17	4.72	11	10	7	14	n.
1900	44.0	75	3	2.43	8	16	6	9	nw.
1901	45.1	81	18	3.55	9	14	7	10	nw.
1902	42.4	80	11	2.05	5	15	7	9	sw.
1903	43.7	77	13	3.85	11	10	6	15	w.
1904	40.2	74	8	2.97	8	15	5	11	n.
1905	41.4	77	8	2.00	7	15	6	10	w.
1906	47.0	83	12	5.85	11	12	4	15	ne.
1907	53.4	89	18	0.71	4	15	9	7	sw.
1908	44.2	76	17	4.86	9	13	8	10	w.
1909	49.6	83	9	1.54	5	12	9	10	ne.
1910	45.5	80	11	2.98	7	14	10	7	w.
1911	49.8	82	16	1.58	5	14	8	9	sw.
1912	40.2	79	6	4.92	9	13	4	14	w.
1913	53.8	82	23	3.21	8	10	6	15	sw.
1914	46.7	81	18	2.66	5	16	9	6	w.
1915	45.1	74	19	6.31	9	12	6	13	ne.
1916	52.3	81	10	1.76	9	10	9	12	ne.
1917	49.7	79	9	3.74	12	10	7	14	sw.
1918	37.3	82	−2	4.45	10	13	6	12	ne.
1919	47.1	80	8	4.15	7	19	5	7	ne.
1920	46.2	85	6	3.66	7	12	7	12	w.
1921	46.9	79	17	3.84	7	15	6	10	w.
1922	44.2	81	14	3.53	9	10	6	15	ne.
1923	49.0	80	20	2.74	6	17	5	9	w.
1924	43.3	76	1	4.34	9	16	4	11	ne.
1925	44.9	76	18	8.54	11	12	4	15	ne.
1926	44.1	76	12	6.18	11	11	6	14	w.
Period	45.5	89	−2	3.66	8	13	7	11	w.

Daily Temperatures for January, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	....	....	....	....	....	....	....	....	....	....	....	54	54	48	60	60	61	70	67	71	71	63	47	44	42	43	56	60	50	59	44	[b]56.8
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	35	30	32	34	39	53	41	47	48	55	35	36	39	35	36	42	43	40	49	40.5
Blackville	Maximum	63	63	68	70	72	70	60	48	46	49	55	54	47	59	57	59	68	72	72	73	76	56	53	51	39	41	56	63	44	58	59	58.7
	Minimum	22	36	41	46	51	60	43	38	33	29	27	31	27	24	27	34	39	42	40	41	49	53	30	33	31	39	31	42	37	34	47	33.3
Charleston	Maximum	50	64	57	63	69	65	57	43	49	40	53	52	54	47	56	57	62	66	66	64	71	65	46	44	42	44	56	61	51	54	60	55.7
	Minimum	31	37	48	49	51	57	41	39	37	34	33	36	37	32	38	38	50	53	47	47	50	41	34	39	37	34	37	44	40	40	51	41.4
Cheraw§§	Maximum	56	62	52	54	65	67	46	39	43	42	52	49	45	47	57	56	66	68	68	72	69	63	41	51	36	42	53	61	39	46	54	53.6
	Minimum	18	27	40	43	48	57	35	31	26	24	22	37	25	22	30	24	35	54	39	38	49	60	25	28	26	21	30	43	29	28	39	34.0
Conway	Maximum	56	64	66	63	70	68	65	45	46	44	53	52	52	46	59	60	65	68	67	71	70	68	46	48	47	39	55	60	50	51	66	57.4
	Minimum	18	31	29	45	50	60	41	35	33	29	25	30	27	25	30	25	33	56	43	37	46	45	29	34	33	29	32	44	32	35	49	36.0
Darlington §§	Maximum	57	65	54	61	70	69	47	35	46	42	53	51	48	44	57	61	65	69	70	73	71	64	39	51	39	44	55	63	40	49	55	55.1
	Minimum	18	22	35	42	46	58	39	32	30	27	26	30	26	28	28	27	32	40	42	37	42	53	26	29	34	23	26	35	30	31	34	33.0
Ferguson §§	Maximum	48	52	58	60	63	58	76	43	56	51	47	52	50	47	51	62	68	68	66	72	72	63	45	42	38	41	53	61	43	56	57	55.5
	Minimum	26	26	30	35	44	51	34	34	31	33	30	31	30	25	29	26	29	44	38	42	44	46	31	32	34	31	30	33	37	34	43	34.3
Florence 1	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Garnett	Maximum	57	63	55	74	66	70	64	47	46	44	55	54	53	49	59	64	67	70	....	....	....	70	49	46	44	42	54	59	55	49	56	[c]56.5
	Minimum	22	28	45	48	59	60	44	38	38	32	27	29	29	26	30	29	46	51	....	....	....	45	33	36	37	33	33	42	41	34	48	[c]28.1
Georgetown	Maximum	59	67	62	61	70	65	63	47	51	43	57	57	57	51	60	62	62	70	70	72	72	72	55	46	45	43	62	61	59	53	57	59.1
	Minimum	20	31	42	45	50	55	40	36	33	29	26	31	27	24	32	27	39	50	41	38	47	45	29	34	35	28	31	41	34	36	45	36.2
Kingstree	Maximum	56	63	63	64	69	67	64	47	49	45	55	55	51	48	60	62	61	70	67	73	73	69	46	47	45	40	56	63	59	59	59	58.2
	Minimum	21	30	43	46	50	60	44	35	33	30	28	31	28	24	32	26	41	57	41	38	48	44	30	34	34	30	32	44	35	34	48	37.1
Orangeburg 1	Maximum	56	64	57	66	70	68	68	42	52	43	53	51	48	47	56	60	59	67	67	71	73	69	45	50	45	37	54	62	57	48	52	56.7
	Minimum	22	31	45	46	54	60	41	35	34	30	27	32	28	26	31	27	41	57	43	40	49	45	31	33	36	30	31	43	36	33	47	37.5
St. George	Maximum	57	67	58	71	67	68	50	39	48	43	54	53	51	49	59	64	69	69	70	71	73	63	46	43	40	40	55	60	44	57	58	56.6
	Minimum	21	26	35	46	52	62	43	37	35	32	26	28	28	25	27	28	30	47	42	41	42	52	31	32	39	33	31	36	38	35	42	36.2
Society Hill §§	Maximum	56	66	68	59	60	69	47	....	46	41	51	51	47	47	56	60	65	68	68	71	70	63	38	49	34	45	....	64	37	47	50	[b]54.9
	Minimum	18	18	30	57	43	45	38	32	28	25	25	26	24	23	26	26	27	40	42	37	37	50	26	25	31	22	22	....	28	29	32	[a]31.1
Summerville	Maximum	....	....	....	....	....	....	....	....	....	....	....	55	54	55	50	58	64	65	69	69	69	73	66	49	44	42	40	56	59	56	49	60	157.2
	Minimum	21	30	46	45	45	....	....	38	35	31	27	29	29	25	30	30	41	56	41	40	47	48	31	36	37	33	32	41	39	43	48	[b]37.1
Wedgefield	Maximum	55	65	56	62	68	69	60	44	46	42	52	47	45	47	58	62	57	68	68	71	70	61	44	48	45	38	53	63	58	48	52	55.5
	Minimum	22	34	43	45	55	59	42	33	30	38	28	31	28	25	33	30	38	55	42	44	52	55	28	33	33	27	32	43	33	32	45	37.7
Yemassee	Maximum	59	65	57	77	67	66	64	46	47	44	56	51	51	50	61	66	66	71	72	72	75	69	50	46	42	41	50	59	54	50	56	58.2
	Minimum	21	28	45	47	56	60	43	38	36	32	25	28	28	25	28	28	43	56	40	40	44	50	31	36	36	32	30	42	41	44	47	38.1
Western Portion.																																	
Aiken	Maximum	56	62	59	57	69	65	61	45	40	47	51	49	44	47	55	60	61	66	69	69	71	67	62	49	44	40	52	61	52	46	41	55.7
	Minimum	26	38	44	46	53	56	40	33	33	32	29	35	27	26	33	30	47	52	45	42	47	41	32	37	39	31	36	46	37	39	44	38.6
Anderson	Maximum	48	48	50	50	59	63	46	39	40	44	45	45	42	46	55	55	48	61	67	67	63	62	39	51	45	38	50	58	47	42	47	50.3
	Minimum	24	31	42	45	46	42	34	27	27	23	27	30	25	21	32	30	39	44	38	45	50	32	26	30	31	29	32	40	30	31	41	33.7
Caesar's Head	Maximum	51	56	55	55	58	57	42	41	40	41	41	45	41	43	48	62	62	53	60	61	55	34	38	42	34	34	43	48	40	42	....	[a]47.4
	Minimum	18	27	30	32	38	48	28	21	19	15	16	14	15	12	13	13	18	32	36	38	40	28	14	17	20	23	24	25	19	20	36	24.2
Calhoun Falls §§	Maximum	58	58	51	56	60	72	45	35	42	48	51	42	45	48	58	58	62	59	71	68	68	43	40	46	40	45	54	60	44	43	49	52.2
	Minimum	19	20	30	41	44	50	31	29	28	20	21	21	21	18	18	27	28	38	37	36	37	42	23	23	30	23	24	28	30	28	28	28.8
Camden §§	Maximum	57	70	60	71	69	67	50	39	47	46	52	49	46	49	49	63	66	67	74	78	72	54	43	64	44	46	55	60	48	54	53	56.7
	Minimum	19	26	32	43	46	56	37	33	28	25	24	25	25	22	26	27	30	42	38	37	40	50	28	28	34	25	25	33	32	32	34	32.3
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	58	59	51	48	59	63	58	45	40	44	48	44	43	46	55	58	59	60	66	66	64	62	48	50	70	41	52	60	56	44	48	53.7
	Minimum	15	26	41	43	44	43	29	28	28	18	24	28	23	18	30	22	52	52	38	33	42	42	23	26	32	32	31	40	29	33	43	32.5
Columbia	Maximum	55	64	56	61	67	68	49	38	46	44	50	48	44	45	56	59	60	66	67	70	69	68	40	51	43	38	52	60	45	46	51	54.1
	Minimum	23	37	44	46	58	49	38	31	31	29	29	32	28	26	34	34	41	51	44	48	53	37	29	34	31	27	33	43	34	38	44	37.1
Due West	Maximum	54	62	50	53	59	61	44	35	40	44	47	46	41	44	54	55	54	62	66	66	66	63	40	49	43	41	50	57	40	43	47	50.8
	Minimum	21	31	43	45	51	40	34	28	28	24	27	29	26	22	32	31	40	48	41	42	49	30	27	30	30	27	33	39	31	31	43	34.0
Greenville	Maximum	54	63	51	53	56	61	44	32	39	42	45	41	40	44	55	51	49	57	65	64	62	61	41	47	42	36	49	58	39	44	46	49.5
	Minimum	28	36	43	43	51	44	32	26	26	23	27	30	25	25	31	36	38	48	44	49	50	28	26	29	29	30	33	35	29	31	44	34.5
Greenwood	Maximum	48	55	63	51	55	60	61	45	33	40	45	49	46	41	45	53	59	63	61	68	68	69	49	48	47	37	43	51	58	42	43	51.5
	Minimum	26	25	34	41	45	54	36	30	27	24	25	27	26	21	22	25	26	39	39	39	43	46	25	26	33	24	25	33	31	30	30	31.5
Heath Springs	Maximum	52	52	63	53	63	63	44	40	39	39	48	42	40	42	51	54	53	56	58	60	68	66	65	53	41	48	50	57	50	45	48	51.7
	Minimum	28	42	33	43	51	56	37	29	26	24	26	31	26	23	32	32	40	50	51	52	...	43	35	29	31	22	24	43	28	30	40	[a]35.2
Kershaw	Maximum	51	61	52	55	63	68	47	36	41	42	50	45	42	45	54	58	53	65	69	69	68	68	37	51	45	41	52	60	51	43	49	52.6
	Minimum	22	33	41	44	50	46	37	28	26	23	24	29	25	28	31	31	39	51	41	43	50	36	24	28	30	22	32	43	29	31	31	33.8
Landrum	Maximum	50	58	58	46	55	58	54	27	36	38	48	44	39	42	47	47	45	55	56	60	60	60	59	45	45	36	49	49	46	41	45	48.3
	Minimum	23	42	41	43	46	52	27	25	25	24	20	25	22	25	29	24	34	40	47	35	49	32	25	28	29	29	26	39	26	30	40	32.3
Laurens	Maximum	55	62	50	50	60	62	45	37	43	45	49	47	42	45	55	55	50	61	66	69	71	63	40	51	41	42	51	58	45	41	47	51.5
	Minimum	18	31	41	45	48	43	31	28	28	21	26	26	24	20	33	25	38	45	37	37	16	35	26	36	31	23	33	43	30	31	41	32.9
Liberty	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Little Mountain	Maximum	54	62	60	59	63	66	57	41	43	43	50	46	41	49	54	55	60	63	66	70	68	65	42	48	53	38	49	58	53	40	53	53.8
	Minimum	30	29	42	46	48	52	40	29	27	24	27	30	27	23	33	31	39	53	41	45	50	41	26	29	23	33	35	37	30	29	38	35.1
Newberry	Maximum	56	63	51	57	61	66	49	37	44	45	52	47	43	46	57	59	51	64	68	70	70	66	40	47	46	44	52	60	50	41	48	53.3
	Minimum	20	34	42	46	50	48	35	30	28	24	26	28	27	20	33	25	40	57	40	43	50	39	27	29	32	24	34	43	32	31	41	34.8
Saluda	Maximum	53	61	55	59	63	66	58	41	42	45	49	47	43	44	54	56	52	64	65	66	69	67	43	48	47	43	51	59	55	42	49	53.4
	Minimum	21	32	43	46	53	56	36	31	29	26	28	30	27	23	34	25	41	49	37	39	47	41	28	29	35	26	33	43	33	31	40	35.2
Santuck	Maximum	49	60	50	50	59	60	54	42	38	43	45	45	41	50	53	52	49	55	57	61	65	65	40	46	46	40	47	52	52	39	52	49.9
	Minimum	15	27	36	44	47	54	29	28	27	19	19	29	21	17	29	21	33	45	35	36	43	39	24	26	32	20	29	43	29	31	39	31.2
Spartanburg	Maximum	60	61	60	58	60	60	35	50	48	45	25	40	42	30	52	45	56	65	65	66	45	44	48	52	43	50	58	50	50	48	48	50.3
	Minimum	15	30	43	42	44	48	33	27	27	18	18	27	23	22	32	26	35	42	42	35	36	42	24	26	27	25	27	33	27	32	40	31.2
Trenton	Maximum	56	62	55	59	65	66	57	45	42	47	52	49	44	47	58	58	55	64	69	71	69	66	42	46	44	42	53	48	54	43	48	54.1
	Minimum	24	35	45	46	53	56	39	32	30	25	28	30	27	23	32	30	42	55	39	42	49	40	29	32	35	27	34	27	34	31	40	35.8
Walhalla	Maximum	57	60	48	48	61	63	51	42	36	43	46	42	41	50	57	54	49	57	65	67	62	57	41	50	42	39	51	55	43	45	47	50.6
	Minimum	16	24	40	42	46	49	27	27	26	17	20	27	22	18	28	22	39	39	37	32	42	35	21	23	30	30	30	36	25	31	43	30.5
Winnsboro §§	Maximum	55	62	53	58	64	66	45	33	43	42	50	45	41	46	55	58	55	63	68	69	68	55	37	48	34	42	51	59	39	42	49	51.5
	Minimum	26	28	35	42	45	55	38	31	27	24	24	29	27	22	23	31	31	42	41	42	46	51	26	26	32	23	26	34	30	30	39	32.9
Winthrop College	Maximum	54	55	53	50	60	62	65	42	41	43	48	42	39	44	55	56	46	63	67	68	66	63	38	48	43	40	51	59	43	38	48	51.3
	Minimum	22	30	39	42	47	53	34	26	24	21	22	29	25	21	31	27	36	43	40	43	63	37	24	28	29	21	30	41	27	30	37	33.0

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 2-26-26—900

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., FEBRUARY, 1926. No. 2.

GENERAL SUMMARY.

The month was comparatively mild, with no marked extremes, and precipitation averaged somewhat below the normal.

Wet soil, incident to rather frequent rains, prevented the usual late winter and spring plowing until toward the end of the month. Thermal conditions were generally favorable for normal fruit development, though the temperatures were abnormally high several times; hardy shrubbery began leafing about the middle of the month; a few stray peach blooms were noted about the 23d, and peach, pear, and plum blooms noticeably increased as the month closed. Winter cereals were in good condition generally, and grain fields afforded fair pasturage. Truck and gardens made fair progress, and white potato, beet, pea, and carrot planting became quite general; white potato planting was practically finished on the coast toward the close of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.00 inches. The highest pressure was 30.49 inches at Wilmington, N. C., on the 17th, and in the Section proper, 30.46 inches at Due West on the same date; the lowest pressure was 29 34 inches at Charlotte, N. C., on the 19th, and in the Section proper, 29.40 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 49.3°, or 2.1° above the normal. The highest temperature was 78° at Beaufort on the 16th and at Darnett and Yemassee on the 25th. There were four distinct warm periods, when the daily mean temperatures ranged from 8° to 21° per day above normal. The lowest temperature was 16° above zero at Caesar's Head on the 11th. There were four short periods of subnormal temperatures.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 59%; 8 p. m., 64%. The highest percentages occurred along the middle coast and in the northwestern and northern border counties, and the lowest, in the central counties.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 3.99 inches, or 0.32 inch below the normal. Precipitation occurred in five periods and was fairly well distributed as to area and amounts. The heaviest rainfall occurred along the northern coast and in several small areas of the northern counties, with total amounts over 5 inches, the measurements ranging downward to less than 4 inches in an extensive area of the interior and along the north-central border. The greatest local monthly amount was 5.70 inches at Georgetown, and the least was 2.70 inches at Chappells. The greatest amount during any 24 hours was 2.47 inches at Yemassee on the 18-19th. The average number of rainy was 25% below normal.

Snow flurries occurred at widely scattered stations on the 10th and at Spartanburg on the 27th.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 10.8 miles. The highest average velocity was 15.9 miles per hour Savannah, Ga., and in the Section proper, 12.0 miles per hour at Charleston, Due West, and Greenville; the lowest average velocity was 7.4 miles per hour at Charlotte, N. C., and in the Section proper, 9.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 50 miles per hour from the west at Greenville on the 14th and at Savannah, Ga., on the 3d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 anemometer records, was 197.4 hours, or 64% of the possible amount. The average number of clear days was 15; partly cloudy, 6, and cloudy, 7, as against normals of 13, 6, and 9 days, respectively.

RIVER CONDITIONS.

The Saluda River at Chappells and the Broad River at Blairs were at or just above flood stages on the 26th. The Santee River continued in flood at Rimini and Ferguson, except during a short period about the middle of the month. The Pee Dee River was in flood at Mars Bluff until the 12th and again at the end of the month.

MISCELLANEOUS PHENOMENA (dates).

Hail—Anderson, 15; Darlington, 15; Little Mountain 15.

Halos—Lunar: Charleston, 22, 28; Columbia, 21. 22, 25, 28; Due West, 21, 22; Greenville, 22; Laurens, 21; Santuck, 22, 23. *Solar:* Charleston, 22; Due West, 4, 6, 17, 21, 22, 23; Columbia, 17, 21, 22, 23; Greenville, 4. 6, 21. 22.

Thunderstorms.—Anderson, 15; Cheraw, 14; Darlington, 15; Due West, 9, 14, 15; Ferguson, 9; Laurens, 15; Little Mountain. 15; Orangeburg, 9; Santuck, 3, 15; Walhalla, 14, 19; Winnsboro, 15.

Fog, dense.—Charleston, 1, 15; Due West, 18, 19; Greenville, 19; Rimini, 2, 9, 17.

MISCELLANEOUS DATA FOR FEBRUARY, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.00	40.4	67	16	2.50	0.83	10.9	nw.	79	55	61	56
Augusta, Ga.....	30.01	51.9	75	27	3.38	1.75	7.7	nw.	84	60	66	70
Charleston, S. C...	30.01	52.9	72	32	3.03	1.49	12.0	sw.	77	64	72	66
Charlotte, N. C ...	29 97	46.2	73	23	4.06	1.41	7.4	sw.	81	66	64	66
Columbia, S. C....	30.00	50.4	73	26	3.16	1.39	9.6	sw.	78	50	53	53
Due West, S. C....	30.00	47.2	75	23	3.78	1.50	12.0	w.	83	54	....	65
Greenville, S. C...	29.97	46.2	74	25	4.58	1.85	12.0	sw.	81	67	62	70
Savannah, Ga.....	30.03	54.8	78	30	3.37	1.90	15.9	w.	80	59	63	63
Wilmington, N. C.	29.99	50.2	72	28	3.98	1.49	9.5	w.	77	57	71	69
Means and extremes	30.00	48 9	78	16	3.54	1.90	10.8	sw.	80	59	64	64

Climatological Data for February, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	45	53.4	+2.3	78	16	28	12	33	3.69	+0.17	1.92	0	6	17	5	6	nw.	Pathologist True's. Sup. Co.
Blackville	Barnwell	296	42	52.2	+4.2	75	† 8	24	12	41	3.79	−0.47	1.45	0	5	21	1	6	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	52.9	+0.5	72	8	32	11	25	3.03	−0.38	1.49	0	6	9	7	12	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	49.2	+4.4	75	26	20	12	43	4.28	+0.17	1.02	0	7	...	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	36	52.2	+4.4	75	25	25	12	42	4.64	+0.28	1.38	0	7	14	4	10	sw.	Paul Quattlebaum.
Darlington	Darlington	175	31	49.2	+3.9	76	25	21	12	41	4.16	+0.29	1.66	0	7	15	4	9	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	3.68	−1.26	1.50	0	5	....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	51.2	−3.4	73	15	24	12	39	4.24	+0.35	2.33	0	8	....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. K. Gilbert.
Florence 2	do	136	11	.....	.....	.....	.....	.....	.....	.....	3.47	−0.68	1.10	0	7	14	6	8	w.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	[b]53.5	.....	[b]78	25	[b]24	12	[b]39	4.37	.....	1.48	0	7	13	11	4	w	Maner B. Robert.
Georgetown	Georgetown	18	33	53.1	+4.0	75	† 8	23	12	42	5.70	+1.56	1.80	0	4	21	4	3	sw.	A. P. Hazard.
Kingstree	Williamsburg	54	44	53.2	+5.7	78	25	25	12	40	3.90	−0.05	1.40	0	7	15	5	8	w.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	3.55	.....	1.25	0	4	....	.....	.....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	51.6	+0.8	75	25	24	12	41	4.21	+0.76	1.57	T.	5	13	9	6	sw.	U. S. Fisheries Station.
Pinopolis ††	Berkeley	54	79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	.....	4.42	+0.67	1.40	0	4	....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	51.3	+3.1	77	25	23	12	39	4.15	+0.34	1.55	0	6	8	14	6	.....	R. L. Utsey.
Society Hill	Darlington	192	35	[c]46.4	+1.6	75	25	[c]20	12	[c]42	4.16	−0.25	0.95	0	10	17	3	8	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	[a]53.0	+3.5	[a]74	† 8	[a]24	12	[a]38	3.48	−0.67	1.65	0	6	18	3	7	sw.	Dr. William Simons.
Wedgefield	Sumter	249	36	51.2	+2.9	75	† 8	20	11	45	3.05	−1.05	0.85	0	5	20	3	8	w.	W Hampton Ramsey
Yemassee	Hampton	24	37	53.2	+4.2	78	25	22	12	46	4.30	+0.46	2.47	0	7	16	3	9	sw.	W. C. Hutson.
Division means and	extremes	.....	....	51.7	+3.7	78	†16	20	†11	46	3.81	−0.23	2.47	T.	6	15	6	7	sw.	
Western Portion.																				
Aiken	Aiken	527	64	54.0	+5.0	75	14	28	12	39	3.36	−0.69	1.31	0	5	15	0	13	nw.	Frank B. McCoy.
Anderson	Anderson	764	33	48.2	+3.5	75	14	24	†11	41	4.76	−3.37	1.46	0	8	18	4	6	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	4.15	+0.34	1.63	0	7	....	.....	.....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	40.5	.....	64	† 9	12	11	31	5.26	.....	1.88	0	5	9	9	10	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	47.0	.....	77	14	19	†12	46	3.05	−2.31	0.90	T.	7	14	9	5	w.	L. M. Parker.
Camden	Kershaw	222	76	48.6	+0.8	72	† 8	26	11	39	4.17	+0.20	1.30	0	8	23	0	5	sw.	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	5.45	+1.12	1.10	0	8	....	.....	.....	....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	2.70	−1.14	1.25	0	6	....	.....	.....	.....	George V. Clamp.
Chester††	Chester	487	4	[d]49.6	.....	[d]74	†12	[d]21	† 1	[d]40	6.05	.....	2.50	0	4	16	1	11	ne.	J. C. Cornwell.
Clemson College	Oconee	850	34	48.4	+5.2	76	† 3	18	12	44	4.39	−0.99	1.50	0	7	14	10	4	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	50.4	+2.2	73	14	26	12	29	3.16	−1.43	1.39	T.	6	12	10	6	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	12	47.2	+2.8	75	14	23	12	30	3.78	−2.02	1.50	T.	9	12	5	11	w.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	4.50	+0.33	1.70	0	6	....	.....	.....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	3.86	−0.25	1.45	0	7	....	.....	.....	.....	S. C. Ld., Power & Ry. Co.
Greenville	Greenville	1039	42	46.8	+3.5	74	14	25	11	31	4.58	−0.67	1.85	0	7	13	10	5	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	46.1	+2.6	75	15	24	†11	45	3.89	−0.83	1.44	0	6	18	0	10	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	24	46.7	+3.7	68	†24	23	28	37	3.90	+0.10	1.73	0	5	15	3	10	w	J. Marvin Bowers.
Kershaw	Kershaw	500	10	48.2	+1.7	72	†14	23	†12	41	4.38	+0.64	1.96	0	7	15	3	10	w.	John W. Hamel.
Landrum	Spartanburg	1063	11	45.4	+2.2	69	15	19	12	39	3.71	−1.71	1.98	0	5	23	3	2	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	47.8	.....	76	14	19	12	42	4.21	.....	1.60	0	7	17	8	3	nw.	L. G. Roff.
Liberty	Pickens	900	26	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	.....	.....	.....	O. F. Boggs.
Little Mountain	Newberry	711	33	49.4	+3.6	73	15	24	†11	38	4.24	−0.23	2.16	T.	5	20	3	5	w.	Miss Alberta Sease.
Newberry	Newberry	502	22	48.8	+3.5	74	14	21	12	39	4.28	+0.09	2.00	0	6	12	6	10	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	4.72	+0.10	1.56	0	8	....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	49.6	+3.0	73	14	21	12	44	4.30	−0.34	1.71	T.	7	13	8	7	sw.	W. S. Crout.
Santuck	Union	512	33	45.4	+2.2	75	14	16	12	41	4.45	−0.34	1.88	0	6	11	13	4	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	46.7	+3.9	74	14	17	12	47	4.17	+0.41	1.50	T.	7	....	.....	.....	.....	M. H. Daniel.
Trenton	Edgefield	620	33	51.0	+4.8	74	14	25	12	41	3.34	−1.75	1.27	0	4	11	11	6	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	45.9	+2.8	74	14	17	12	42	4.78	−0.52	1.29	T.	8	18	7	3	nw.	H. W. Brandt.
Winnsboro	Fairfield	545	32	[a]47.0	+1.9	[a]73	14	22	†11	[a]36	4.25	−0.09	1.97	0	7	16	3	9	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	26	47.2	+3.8	74	14	21	12	43	3.74	−0.32	1.53	0	7	9	15	4	sw.	W. T. Clawson.
Division means and	extremes	.....	....	47.7	+2.8	76	† 3	12	11	47	4.12	−0.49	2.16	T.	7	14	7	7	w.	
Section means and	extremes	.....	....	49.3	+2.1	78	†16	12	11	47	3.99	−0.32	2.47	T.	6	15	6	7	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

January, 1926.—Add snowfall data, page 2: Anderson, 1.0; Catawba, 2.0; Clemson College, 0.6; Heath Springs, 1.0; Kershaw, 1.0; Landrum, 4.6; Laurens, 0.2.

Daily Precipitation for February, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
eaufort	Coast			.55						.20							.07		.68	1.92	.23					.52	.27						3.69
ackville‖	Edisto			.55						.20									1.48	.64						.95							3.79
harleston ***	Coast			.78						.01				T.		T.			.99	.71					.04	.50	T.						3.03
heraw‖	Pee Dee			.98	.12						T.					.68			T.	.72	.34					1.02	.42						4.28
onway‖	Waccamaw			1.19	.12						.18								.03	1.38	.89					.85							4.64
arlington‖	Pee Dee			.92	.08						.10					.55			T.	1.66	.07					.78							4.16
illingham‖	Lynches			.99							.21								T.	1.50	.06					.92							3.68
erguson‖	Santee			.68	.02						.36								.04	2.32	.03				.07	.71							4.24
orence 1‖	Pee Dee																																.....
orence 2‖	....do			.99							.13					.02				1.10	.28					.91	.04						3.47
arnett	Savannah	.03		.68						.07	T			T.		.02			.90	1.48						1.19							4.37
eorgetown	Coast			1.10															1.50	1.30						1.80							5.70
ingstree‖	Black			.90							.15								.05	1.40	.10					1.10	.20						3.90
ars Bluff	Pee Dee			.40	1.00															1.25						.90							3.55
range burg	Edisto			.56						.15	T.								1.57	.71						1.22							4.21
nopolis	Cooper																																.....
imini‖	Santee			.92																1.40	.10					1.10	.90						4.42
. George	Edisto			.55							.35								.15	1.55						.80	.75						4.15
ociety Hill‖	Pee Dee	.03		.95	.10						.07					.52			.02	.93	.38					.93	.23						4.16
ummerville	Ashley	.01		.61						.15						.01				1.65						1.05							3.48
edgefield	Wateree			.85						.10									.85	.50						.75							3.05
ennessee‖	Ashepoo			.58							.10						.08			2.47	.11					.55	.41						4.30
Western Portion.																																	
iken	Edisto			.49						.06									1.31	.71						.79							3.36
nderson	Savannah	.08		1.02						.12				.03		.17			.81	1.07						1.46							4.76
lairs‖	Broad			.52	.11						.08					.41			.27	1.13						1.63							4.15
esar's Head	Saluda			1.20						.20								.60	1.38							1.88							5.26
alhoun Falls‖	Savannah			.39	.30						.04								.90	.59	.11					.72							3.05
amden‖	Wateree			.80							.10					.25			.10	1.30	.04					1.10	.48						4.17
atawba‖	Catawba	.14		.84	.18											.49			.20	1.10	.45					2.05							5.45
appells‖	Saluda			.05	.03						.02								.50	1.25						.85							2.70
hester	Broad			1.10															.62	1.83						2.50							6.05
lemson College	Savannah	.01		1.06						.06						.09			.81	.86						1.50							4.39
olumbia ***	Congaree			.54						.05	T.			T.		T			1.07	.40					.02	1.08							3.16
ne West***	Savannah		.01	.68						.07	T.		T	T.	.03	.06			.80	.90				T.	.05	1.18							3.78
dgefield‖	Savannah			.45	.05					.10									1.30	.90						1.70							4.50
aston Shoals‖	Broad			.85	.21						.02					.04			.29	1.00						1.45							3.86
reenville ***	Saluda		T.	1.01						.03			T	T.	.22				.64	.83				T.	.16	1.69							4.58
reenwood‖	....do		.05		.51											.26			.72	.91						1.44							3.89
eath Springs	Wateree			.99						.07									.62	.49						1.73							3.90
ershaw‖	Lynches			.77	.06						.04					.51			.31	.73						1.96							4.38
ncaster	Broad		.07	1.30						.11										.92						1.98							3.71
aurens	Saluda		.02		.71					.02					T.	.27			.61	.95						1.60							4.21
berty	Savannah																																.....
ittle Mountain	Saluda			.48						.05	T.					T.			1.10	.45						2.16							4.24
ewberry	Saluda			.57						.06				T.		.30			.67	.74						2.00							4.28
dzer‖	....do		.12		.90	.16					.08				T.	.01			.64	1.22						1.56							4.72
lhoun	....do				.57					.04	T.				T.	.01			1.06	.90					.01	1.71							4.30
antuck	Broad				.82					.02					T.	.23			.65	.85						1.88							4.45
artanburg‖	....do	.03		.70	.30												.04		.40	1.20						1.50		T.					4.17
renton	Edisto			.51															1.27	.81						.75							3.34
alhalla	Savannah	.12		.89						20	T.			T.	.28	.10			.84	1.06						1.29							4.78
insboro‖	Broad			.47	.10						.04					.50			.12	1.05						1.97							4.25
inthrop College	Catawba	.05	.65							.05						.20			.40	.86						1.53							3.74

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
887	52.6	80	24	3.41	12				
888	49.9	76	15	4.83	10				ne.
889	41.9	75	10	5.60	8				*w.
890	56.1	83	21	2.38					sw.
891	54.7	83	13	4.23					sw.
892	49.2	73	18	3.64					*sw.
893	51.0	82	25	5.05	12				
894	48.9	76	16	4.35	10	8	9	11	sw.
895	37.4	78	− 6	3.07	7	13	6	9	nw.
896	48.2	81	5	6.13	8	13	8	8	sw
897	50.0	83	15	7.80	11	10	7	11	sw.
898	44.5	78	10	0.86	3	15	6	7	w.
899	43.0	80	−11	6.98	12	9	7	12	w.
900	44.0	78	1	5.77	10	9	7	12	w.
901	43.2	78	7	3.08	6	14	7	7	nw.
902	40.6	77	11	5.89	8	12	6	10	nw.
903	49.0	81	11	7.03	10	10	7	11	sw.
904	45.2	86	15	3.59	9	12	6	11	ne.
905	38.9	72	0	5.21	9	10	4	14	ne.
906	46.0	76	12	2.58	6	16	5	7	ne.
907	45.1	84	16	3.64	8	10	8	10	ne.
908	43.6	81	12	5.28	10	14	6	9	w.
909	52.2	84	12	4.49	8	15	7	6	sw.
910	44.7	79	15	4.71	9	12	6	10	w.
911	52.1	85	20	1.60	5	13	8	7	sw.
912	42.3	80	8	5.99	8	15	5	9	w.
913	48.9	80	22	4.50	8	12	4	12	w.
914	44.6	78	14	4.41	9	12	6	10	n.
915	48.6	80	20	3.15	6	15	6	7	n.
916	48.5	81	11	3.96	8	17	6	6	sw.
917	47.3	87	− 2	4.11	8	14	7	7	sw.
918	52.4	88	11	1.89	7	14	7	7	sw.
919	47.5	75	17	4.73	10	14	4	10	ne.
920	42.8	76	8	4.05	8	12	5	12	nw.
921	49.4	85	19	4.73	9	12	7	9	w.
922	52.6	84	14	6.62	10	8	8	12	sw.
923	44.8	82	11	3.83	8	14	4	10	w.
924	44.2	79	13	3.54	7	15	5	9	w.
925	52.4	80	19	1.69	7	15	4	9	sw.
926	49.3	78	12	3.99	6	15	6	7	w.
Period	47.2	88	−11	4.31	8	13	6	9	sw.

*Also nw.

Daily Temperatures for February, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	63	60	58	60	54	60	68	74	68	53	48	52	64	67	78	61	61	64	65	60	69	72	71	65	72	73	55	52	....	....	....	63.1
	Minimum	44	39	47	41	39	36	42	42	50	37	31	28	41	49	55	45	42	50	57	38	42	49	52	50	52	48	42	34	....	....	....	43.6
Blackville	Maximum	59	64	55	62	51	58	64	75	48	47	50	59	65	73	75	64	69	69	62	62	70	72	72	70	74	69	53	63	....	....	....	63.4
	Minimum	47	35	49	49	33	29	39	48	45	31	26	24	41	56	57	37	32	45	59	31	39	45	53	48	48	44	38	27	....	....	....	41.0
Charleston	Maximum	62	57	60	60	52	60	66	72	64	52	47	49	58	62	69	55	59	64	65	53	68	71	72	58	68	71	57	48	....	....	....	60.7
	Minimum	46	42	49	42	39	40	44	47	49	37	32	33	45	51	55	45	42	54	49	38	43	52	51	50	58	52	44	35	....	....	....	45.1
Cheraw§§	Maximum	54	62	59	52	60	52	53	68	72	57	45	46	56	67	73	72	58	61	60	62	60	70	72	65	60	75	69	52	....	....	....	61.1
	Minimum	45	30	44	38	30	25	32	33	39	30	25	20	40	55	48	30	26	41	44	28	41	48	58	38	55	41	36	25	....	....	....	37.4
Conway	Maximum	63	62	60	61	56	57	65	74	68	57	46	56	67	70	74	70	63	61	66	60	70	70	68	59	75	71	65	54	....	....	....	63.9
	Minimum	49	37	48	40	32	29	35	38	40	34	28	25	38	53	56	38	28	48	59	32	39	50	52	37	49	49	42	29	....	....	....	40.5
Darlington§§	Maximum	64	65	55	60	51	55	65	74	51	47	46	56	68	71	73	59	63	63	64	58	70	72	66	65	76	71	56	55	....	....	....	62.1
	Minimum	44	31	33	39	29	26	29	33	38	31	26	21	30	47	53	33	27	32	50	29	41	48	54	39	40	47	39	25	....	....	....	36.2
Ferguson§§	Maximum	60	64	57	59	50	63	66	72	61	49	47	55	67	70	73	68	63	65	65	64	68	71	72	70	71	69	68	70	....	....	....	64.2
	Minimum	42	35	41	37	33	28	34	38	42	33	29	24	32	43	52	40	29	34	51	33	37	39	52	45	47	46	39	31	....	....	....	38.1
Florence 1	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Garnett	Maximum	62	64	57	60	57	63	68	75	66	61	47	58	69	72	76	66	69	69	64	61	70	72	72	66	78	....	....	58	....	....	....	[b]65.4
	Minimum	46	36	51	42	35	30	36	39	50	33	29	24	39	53	63	40	33	52	53	33	37	44	52	50	54	....	....	28	....	....	....	[b]41.6
Georgetown	Maximum	64	61	61	62	58	60	69	75	71	60	56	55	65	70	72	70	71	63	65	60	72	71	75	65	71	74	70	55	....	....	....	65.8
	Minimum	44	37	46	40	32	27	40	40	41	31	27	23	37	50	55	40	42	48	50	31	40	51	54	41	47	49	40	28	....	....	....	40.4
Kingstree	Maximum	62	63	59	65	55	58	66	75	71	58	47	56	64	69	77	68	67	64	67	63	71	71	69	62	78	71	66	55	....	....	....	64.9
	Minimum	43	38	49	41	32	29	41	41	40	32	29	25	44	51	60	40	28	51	58	31	43	50	57	42	50	50	41	28	....	....	....	41.6
Orangeburg 1	Maximum	59	62	55	59	51	56	66	74	60	48	48	57	65	71	73	59	61	64	63	58	69	70	70	64	75	70	61	55	....	....	....	62.2
	Minimum	46	36	47	40	33	29	42	42	41	34	28	24	39	52	55	39	30	52	46	34	36	49	55	46	49	48	39	29	....	....	....	41.1
St. George	Maximum	61	65	58	60	50	56	67	74	62	49	49	57	65	71	76	62	67	65	66	59	70	70	74	65	77	72	54	57	....	....	....	63.5
	Minimum	44	36	38	40	33	28	42	39	43	34	29	23	26	47	57	41	30	33	57	32	36	42	50	48	49	51	40	28	....	....	....	39.1
Society Hill§§	Maximum	64	63	55	60	51	55	65	74	48	48	46	56	67	70	72	58	61	61	64	58	70	70	65	61	75	71	54	56	....	....	....	61.4
	Minimum	44	30	30	38	29	25	26	35	37	30	25	20	21	41	50	30	25	26	....	27	27	48	....	38	....	46	....	....	....	....	....	[c]32.5
Summerville	Maximum	62	63	59	61	55	60	66	74	69	....	57	57	64	68	74	65	64	64	65	58	69	70	72	65	72	72	65	53	....	....	....	[a]64.6
	Minimum	43	36	49	37	33	28	37	40	45	....	28	24	36	49	50	41	34	57	56	32	37	47	53	47	51	47	40	28	....	....	....	[a]41.3
Wedgefield	Maximum	60	63	55	60	50	55	65	75	65	55	48	55	62	72	75	62	65	63	63	58	68	73	68	60	74	72	60	55	....	....	....	62.7
	Minimum	44	37	45	38	32	30	40	41	39	31	20	25	41	54	50	30	33	48	55	32	40	50	53	42	49	47	38	27	....	....	....	39.7
Wemassee	Maximum	63	63	56	60	51	62	69	76	66	59	48	57	68	72	77	67	66	66	65	60	71	72	72	67	78	74	67	57	....	....	....	65.4
	Minimum	41	35	48	41	35	28	41	39	50	33	27	22	38	52	62	39	34	52	52	32	34	44	53	49	52	46	40	26	....	....	....	40.9
Western Portion.																																	
Aiken	Maximum	67	64	57	58	53	57	65	74	70	57	49	57	67	75	70	67	63	65	64	60	69	71	72	67	72	69	64	56	....	....	....	64.2
	Minimum	47	45	48	43	35	33	44	43	46	36	31	28	48	66	56	37	37	52	43	46	40	48	58	49	50	48	38	32	....	....	....	43.8
Anderson	Maximum	59	57	57	57	51	57	67	72	59	45	48	56	62	75	70	59	52	48	59	56	63	68	65	58	64	63	48	53	....	....	....	58.9
	Minimum	41	34	44	38	30	32	38	42	36	29	24	21	42	53	46	29	34	42	44	29	38	46	51	42	39	42	34	25	....	....	....	37.4
Caesar's Head	Maximum	53	49	47	50	44	48	63	64	42	31	35	44	58	63	59	50	50	49	53	52	50	64	53	44	61	51	39	....	....	....	....	[a]50.7
	Minimum	35	31	38	32	22	22	31	36	36	20	12	13	26	43	41	24	23	31	42	23	30	42	44	33	31	39	27	16	....	....	....	30.3
Calhoun Falls§§	Maximum	62	60	52	59	54	64	68	72	56	48	50	58	63	77	72	61	58	59	58	59	67	66	70	54	68	66	50	57	....	....	....	61.0
	Minimum	40	31	32	37	28	25	25	34	35	28	21	19	43	53	26	27	31	39	40	25	37	44	44	44	38	31	30	....	....	....	....	33.1
Camden§§	Maximum	56	67	55	60	54	45	67	72	51	46	48	59	66	72	70	68	65	66	60	59	68	70	70	71	70	66	51	60	....	....	....	61.7
	Minimum	43	37	32	35	30	27	30	35	37	30	26	27	27	42	50	33	29	32	50	30	31	42	51	42	42	43	38	27	....	....	....	35.6
Chester	Maximum	65	64	64	58	58	60	60	....	....	....	....	74	74	72	72	70	70	59	59	61	62	65	65	66	68	65	65	65	....	....	....	[d]65.0
	Minimum	21	21	26	33	32	34	33	....	....	....	....	42	42	40	40	32	29	45	46	29	32	40	41	40	40	34	32	25	....	....	....	[d]34.1
Clemson College	Maximum	59	58	76	59	57	54	65	72	71	51	48	54	57	76	73	63	57	53	61	57	66	70	68	64	66	65	54	54	....	....	....	61.7
	Minimum	41	30	44	37	28	26	36	34	36	27	22	18	38	53	45	24	26	40	47	26	35	41	54	44	39	38	34	23	....	....	....	35.2
Columbia	Maximum	60	60	53	59	50	55	65	71	54	47	47	55	65	73	70	59	61	63	63	57	68	69	67	53	72	68	50	55	....	....	....	60.3
	Minimum	47	27	44	40	32	31	43	42	39	32	27	26	45	57	48	36	38	49	43	32	41	50	51	44	50	46	36	30	....	....	....	40.6
Due West	Maximum	58	56	52	56	48	55	64	72	55	42	45	53	62	75	65	56	53	53	60	56	64	66	64	52	65	62	47	52	....	....	....	57.4
	Minimum	40	36	43	38	30	32	38	42	36	29	25	23	44	57	40	29	33	43	35	28	37	45	51	41	40	40	33	26	....	....	....	36.9
Greenville	Maximum	58	54	50	57	49	52	64	72	54	41	45	52	59	74	66	56	53	49	60	55	62	68	62	49	63	60	46	50	....	....	....	56.4
	Minimum	41	36	42	37	32	35	40	41	37	29	25	26	40	54	41	34	36	40	35	30	38	47	49	39	38	39	33	28	....	....	....	37.2
Greenwood	Maximum	47	57	60	51	55	49	55	54	69	54	44	45	54	63	75	65	59	57	60	60	56	55	66	67	61	66	63	47	....	....	....	57.6
	Minimum	42	32	33	39	29	29	33	42	37	29	24	24	24	35	55	30	30	30	43	28	30	39	46	45	40	42	34	25	....	....	....	34.6
Heath Springs	Maximum	56	55	54	52	52	51	60	50	49	49	48	54	62	67	59	59	58	59	60	54	66	65	66	68	67	68	52	47	....	....	....	57.4
	Minimum	44	33	44	37	29	30	38	40	38	30	24	35	34	56	30	31	36	38	48	29	38	37	35	38	38	37	35	23	....	....	....	36.0
Kershaw	Maximum	60	59	52	57	49	53	62	71	59	49	49	54	65	72	69	58	57	60	61	57	67	69	64	52	72	68	57	53	....	....	....	59.8
	Minimum	44	31	31	36	29	27	36	38	40	28	24	23	40	40	51	30	29	45	46	28	43	50	51	39	46	44	34	23	....	....	....	36.6
Landrum	Maximum	48	52	52	45	45	48	57	60	60	60	37	49	58	68	69	53	53	50	49	50	59	65	65	59	62	52	52	48	....	....	....	54.5
	Minimum	41	33	41	42	32	26	35	41	39	30	24	19	41	55	42	35	25	36	40	30	39	45	53	39	38	40	27	29	....	....	....	36.3
Laurens	Maximum	62	58	50	58	49	55	67	72	59	46	47	51	63	76	70	60	64	50	62	58	65	69	65	56	67	65	56	55	....	....	....	59.8
	Minimum	44	30	43	32	27	26	39	34	34	30	23	19	42	46	51	29	27	42	44	27	27	46	54	43	39	41	35	25	....	....	....	35.7
Liberty	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Little Mountain	Maximum	59	58	53	57	49	55	60	70	58	51	47	55	62	65	73	65	58	60	56	57	58	62	67	55	69	67	57	56	....	....	....	59.2
	Minimum	44	36	42	36	28	33	40	46	49	30	24	24	43	49	58	49	39	45	49	27	30	48	49	41	44	46	35	25	....	....	....	39.6
Newberry	Maximum	59	60	52	57	50	55	65	71	54	46	47	55	65	74	69	58	58	57	61	58	66	68	67	58	69	66	50	56	....	....	....	59.7
	Minimum	44	33	43	35	28	28	37	39	38	31	24	21	45	57	44	30	31	44	47	28	40	48	56	44	43	43	36	25	....	....	....	37.9
Saluda	Maximum	57	59	57	57	55	55	62	70	67	54	46	54	65	73	72	68	60	61	62	56	65	67	67	62	67	65	58	53	....	....	....	61.0
	Minimum	45	31	44	37	28	27	41	38	35	30	26	21	44	55	58	29	28	46	49	28	39	47	55	44	44	44	36	24	....	....	....	38.3
Santuck	Maximum	52	53	53	50	50	51	57	71	64	50	43	55	61	75	72	60	51	48	50	52	62	62	62	56	61	61	55	50	....	....	....	56.7
	Minimum	45	27	42	31	25	23	34	30	30	26	21	16	36	55	44	24	23	43	46	26	26	48	55	41	40	41	31	24	....	....	....	34.1
Spartanburg	Maximum	55	56	55	52	53	60	72	70	50	45	52	60	70	74	65	60	48	58	55	62	62	68	60	64	64	52	50	58	....	....	....	58.9
	Minimum	44	30	43	36	26	26	32	32	35	23	24	17	34	55	38	27	27	40	45	26	36	47	48	41	40	37	32	24	....	....	....	34.5
Trenton	Maximum	58	60	55	59	52	56	64	72	63	52	47	58	66	74	70	61	63	63	62	58	67	69	70	61	70	62	56	56	....	....	....	61.6
	Minimum	45	45	44	37	32	32	40	43	42	30	26	25	43	54	66	32	34	46	47	29	40	47	55	45	47	45	36	28	....	....	....	40.5
Walhalla	Maximum	59	55	53	60	49	54	65	71	61	44	49	54	58	74	71	58	51	51	61	58	65	69	68	59	66	61	51	52	....	....	....	58.8
	Minimum	38	28	41	32	25	26	31	32	35	22	20	17	32	50	45	23	28	40	43	27	27	44	51	41	37	37	30	21	....	....	....	33.0
Winnsboro§§	Maximum	59	59	49	56	49	54	62	70	50	43	44	55	61	73	68	57	57	60	60	57	66	68	64	62	69	....	48	55	....	....	....	[a]58.1
	Minimum	42	34	35	36	27	29	35	39	39	28	22	22	25	47	52	32	32	34	48	29	32	40	52	41	41	44	35	26	....	....	....	35.6
Winthrop College	Maximum	60	59	54	57	51	51	62	71	63	47	43	52	64	74	68	58	55	50	63	56	65	68	63	57	67	66	54	53	....	....	....	58.8
	Minimum	44	31	39	35	27	31	35	39	38	28	22	21	34	52	46	29	30	43	45	27	37	47	31	39	40	41	33	25	....	....	....	35.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 3-23-26—900

UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., MARCH, 1926. No. 3.

GENERAL SUMMARY.

The month was abnormally cold, with a long period of subnormal temperatures from the 2d to the 17th, when the daily means ranged 5° to 24° below the average. The precipitation averaged somewhat above normal and was fairly well distributed.

The generally cold, raw weather, except during a short period toward the end of the month, together with frequent rains and wet soil, materially retarded spring crop preparations. Wheat, oats, rye, gardens, truck, and pastures made only slow advance. Tree fruits were held in check generally, and the hard freeze about the 14th was not seriously damaging, except in spots. White potato, garden, and truck planting increased toward the end of the month; early corn was planted along the coast during the first decade, and cotton planting began in the southwestern counties during the last week, when vegetation was greening perceptibly.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.05 inches. The highest pressure was 30.58 inches at Charlotte, N. C., on the 6th, and in the Section proper, 30.56 inches at Columbia and Due West on the same date; the lowest pressure was 29.32 inches at Wilmington, N. C., on the 26th, and in the Section proper, 29.34 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 40 stations, was 48.8°, or 6.0° below the normal. The highest temperature was 83° at Blackville on the 25th. There was but one warm period, i. e., from the 19th to the 26th. The lowest temperature was 6° above zero at Caesar's Head on the 14th. This is 3° below the March minimum temperature record (1925), but is a mountain record. The cold periods were generally from the 2d to the 17th and from the 27th to the 31st. Late freezing temperatures were quite general up to the 19th, and again in the western portion on the 28th and 29th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 74%; noon, 54%; 8 p. m., 62%. The highest percentages occurred in the Savannah drainage basin and along the north-central border, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 4.49 inches, or 0.59 inch above the normal. There were six fairly well defined periods of rain. The total monthly amounts ranged from 4 to nearly 7 inches in the western portion and in sections of the northern and southern coastal plains, the measurements ranging downward to less than 3 inches in the major portion of the coastal plain. The greatest local monthly amount was 6.80 inches at Edgefield, and the least local monthly amount was 2.34 inches at Summerville. The greatest amount during any 24 hours was 2.75 inches at Edgefield on the 30th-31st. The average number of rainy days was normal.

Excepting the extreme lower coast counties, snowfall was quite general on the 11th, 13th, and 15th, ranging in amounts from Traces to 6.0 inches.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 10.4 miles. The highest average velocity was 14.5 miles per hour Savannah, Ga., and in the Section proper, 12.4 miles per hour at Charleston; the lowest average was 7.1 miles per hour at Charlotte, N. C., and in the Section proper, 9.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 54 miles per hour from the southwest at Greenville on the 31st.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 anemometer records, was 244.3 hours, or 65% of the possible amount. The average number of clear days was 17; partly cloudy, 7, and cloudy, 7, as against normals of 14, 8, and 9 days, respectively.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in several up-State streams after the rains of the 6-7th, and again about the end of the month. The Santee River was in flood at Rimini until the 22d, and at Ferguson, until the 23d. The Pee Dee River was in flood at Mars Bluff on the 1st, 2d, and 16th.

MISCELLANEOUS PHENOMENA (dates).

Last killing frosts or freezing temperatures.—14th, 1 station; 16th, 6; 17th, 1; 18th, 8; 19th, 1; 28th, 11; 29th, 11; 30th, 1.

Hail—Laurens, 2; Landrum, 20.

Halos—Lunar: Charleston, 20, 27; Columbia, 20, 27; Due West, 27, 28; Greenville, 20; Laurens, 28; Santuck, 1, 28; Walhalla, 20, 27. *Solar:* Due West, 18, 25, 28; Greenville, 18, 28.

MISCELLANEOUS DATA FOR MARCH, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.06	39.6	71	10	3.04	1.03	10.5	nw.	70	48	60	56
Augusta, Ga.	30.06	50.0	80	23	5.79	2.39	7.5	nw.	79	64	69	69
Charleston, S. C.	30.06	52.4	77	25	3.61	1.50	12.4	sw.	70	59	64	70
Charlotte, N. C.	30.03	45.0	77	16	4.80	1.56	7.1	sw.	77	63	62	69
Columbia, S. C.	30.06	48.4	78	20	5.60	2.58	9.1	sw.	75	43	54	53
Due West, S. C.	30.07	45.4	76	18	4.54	1.68	11.4	w.	72	45	....	63
Greenville, S. C.	30.03	45.0	76	18	5.17	1.93	11.8	sw.	74	54	55	71
Savannah, Ga.	30.07	53.8	77	27	4.74	2.30	14.5	w.	78	62	66	57
Wilmington, N. C.	30.05	49.1	76	21	4.19	1.50	9.2	w.	72	51	66	74
Means and extremes	30.05	47.6	80	10	4.54	2.58	10.4	sw.	74	54	62	65

Climatological Data for March, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	45	53.0	−5.4	79	24	27	14	31	3.78	+0.43	1.36	0	9	20	8	3	nw.	Pathologist Truc's. Sup. Co.
Blackville	Barnwell	296	42	50.2	−7.5	83	25	21	14	34	4.61	+1.29	1.98	T.	6	26	2	3	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	52.4	−5.0	77	23	25	14	26	3.61	−0.11	1.50	T.	12	11	10	10	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	47.2	−6.2	80	†24	18	14	50	3.97	+0.38	1.70	1.5	8	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	36	50.4	−5.9	79	†25	21	14	45	4.23	+0.64	1.51	T.	6	21	2	8	sw.	Paul Quattlebaum.
Darlington	Darlington	175	31	47.8	−6.6	79	†24	17	14	39	3.21	+0.20	0.90	1.5	7	18	5	8	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	....	3.63	+0.16	1.07	0.5	8	...	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	[i]50.5	−5.5	[i]78	24	24	14	[i]42	3.85	+0.40	1.06	T.	9	....	....	....	... ..	Henry C. Savage.
																				H. K. Gilbert.
Florence 1	Florence	136	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florence 2	do	136	11	.....	.....	.....	.....	.....	.....	.....	2.81	−0.36	0.91	0.1	8	19	4	8	w.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	[b]51.4	.....	[b]80	24	[b]23	14	[b]40	3.82	.....	0.81	0	8	13	13	5	.....	Maner B. Robert.
Georgetown	Georgetown	18	33	[a]51.6	−5.9	[a]80	†20	[a]20	14	[a]44	2.38	−1.13	1.05	0	3	26	0	5	.....	A. P. Hazard.
Kingstree	Williamsburg	54	44	50.8	−5.8	79	24	21	13	45	4.00	+0.60	1.53	T.	9	21	4	6	nw.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	2.85	.. ....	1.15	0	4	....	...	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	50.8	−6.2	80	23	22	14	44	4.00	+0.44	1.29	0.1	9	11	14	6	s.	U.S. Fisheries Station.
Pinopolis ††	Berkeley	54	79	48.7	−7.8	75	27	26	14	.....	4.15	+0.53	1.50	T.	6	18	7	6	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	... .	3.52	−0.25	1.60	0	5	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	49.7	−8.0	79	24	22	14	38	3.83	+0.42	1.40	0	8	9	19	3	.....	R. L. Utsey.
Society Hill	Darlington	192	35	[m]48.1	−6.6	80	†24	[m]18	14	[m]41	3.33	+0.06	0.98	2.0	9	22	3	6	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	51.0	−7.2	78	23	22	14	44	2.34	−0.98	1.32	T.	4	20	6	5	nw.	Dr. William Simons.
Wedgefield	Sumter	249	36	49.8	−5.7	79	20	20	14	43	3.43	-0.13	0.91	T	6	20	8	7	w.	W Hampton Ramsey
Yemassee	Hampton	24	37	51.4	−6.4	79	24	21	14	45	3.69	+0.20	1.04	0	8	16	4	11	ne.	W. C. Hutson.
Division means and	extremes	.....	....	50.3	−6.3	83	25	17	14	50	3.66	+0.16	1.98	0.2	7	17	8	6	nw.	
Western Portion.																				
Aiken	Aiken	527	64	51.6	−3.6	78	21	28	14	31	5.75	+1.79	2.01	0	6	12	6	13	nw.	Frank B. McCoy.
Anderson	Anderson	764	33	46.1	−7.9	78	24	16	14	34	5.11	+0.51	1.80	T.	8	19	0	12	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	5.09	+1.39	1.84	T.	9	....	....	....	....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	[a]38.2	.....	[a]72	24	6	14	[a]45	4.97	.....	2.37	6.0	4	14	7	10	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	44.6	.....	81	24	11	14	44	5.16	+0.24	1.75	0	10	12	12	7	s.	L. M. Parker.
Camden	Kershaw	222	76	48.8	−5.5	80	25	19	14	40	5.03	+1.33	2.25	2.0	9	24	2	5	ne.	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	4.83	+0.72	1.72	T.	10	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	5.72	- 0.15	2.19	T.	10	....	....	....	.....	George V. Clamp.
Chester††	Chester	487	4	.....	.....	.....	.....	[m]17	14	....	6.09	.....	1.68	2.0	7	17	6	8	.....	J. C. Cornwell.
Clemson College	Oconee	850	34	46.4	−6.0	80	24	12	14	47	5.97	+1.00	2.18	1.2	9	17	5	9	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	48.4	−6.8	78	24	20	14	33	5.00	+1.30	2.58	T.	13	12	12	7	sw.	U S. Weather Bureau.
Due West	Abbeville	711	12	45.4	−0.6	76	24	18	14	33	4.54	−0.21	1.68	T	10	14	8	9	w.	U. S. W B. Aerological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	6.80	+2.61	2.75	0	6	....	....	..	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	4.85	+0.09	1.50	2.5	10	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	45.0	−4.9	76	24	18	14	30	5.17	−0.22	1.93	4.2	9	16	7	8	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	45.1	−7.6	73	†25	16	14	31	5.17	+1.15	1.66	0	8	22	0	9	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	24	45.6	−7.8	74	†24	15	14	38	4.74	+1.25	2.07	3.0	7	15	4	12	w	J. Marvin Bowers.
Kershaw	Kershaw	500	10	46.8	−8.2	78	24	16	14	40	4.99	+1.63	2.62	3.0	8	17	2	12	w.	John W. Hamel.
Landrum	Spartanburg	1063	11	42.8	−8.6	74	24	15	14	38	4.63	−1.09	2.06	2.7	6	20	6	5	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	46.2	... ...	79	24	16	14	43	4.41	.....	1.09	T.	9	14	15	2	sw.	L. G. Roff.
Liberty	Pickens	900	26	.....	.....	.....	.....	.....	.....	... .	.....	.....	... .	.....	....	....	....	....	.....	O. F. Boggs.
Little Mountain	Newberry	711	33	47.2	−8.2	78	†24	16	14	41	5.00	+1.34	1.93	1.0	5	21	6	4	w	Miss Alberta Sease.
Newberry	Newberry	502	22	47.2	−7.4	78	†24	16	14	40	3.38	- 0.41	1.02	0.8	9	17	3	11	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	... .	4.98	+0.20	1.74	2.0	8	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	47.2	−8.7	77	24	18	14	40	5.58	+1.57	1.80	T.	12	11	18	2	s.	W. S. Cront.
Santuck	Union	512	33	[a]43.6	−9.6	[a]72	25	[a]14	14	[b]39	5.33	+0.90	1.73	0.3	9	14	12	5	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	44.6	−6.5	78	25	13	14	43	3.51	−1.37	1.50	2.7	6	....	....	....	.....	M. H. Daniel.
Trenton	Edgefield	620	33	48.4	−7.6	80	24	20	14	43	6.08	+1.79	2.17	4.3	9	11	12	8	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	[a]44.4	−6.9	79	24	[a]11	14	[a]45	5.81	+0.78	1.95	4.0	9	18	6	7	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	32	[f]47.8	−5.7	[f]78	24	[f]24	8	[f]33	4.63	+0.73	1.93	T.	10	18	3	10	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	26	45.6	−7.7	77	†24	16	14	35	5.51	+1.64	1.30	1.1	9	10	18	3	sw.	W. T. Clawson.
Division means and	extremes	.....	....	47.7	−6.0	81	24	6	14	45	5.09	+0.75	2.75	1.4	9	17	7	7	sw.	
Section means and	extremes	.....	....	48.8	−6.0	83	25	6	14	45	4.49	+0.59	2.75	0.9	8	17	7	7	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for March, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort	Coast							1.20	.02			.35	.06								.07			.01			.52				.19	1.36	3.78
Blackville |||	Edisto		.10					1.38			.90	.10			T.												.15				1.98	4.61
Charleston ***	Coast						.08	.67			.01	.57		T.		T.				.02	.02			.25		.10	.28			.05	.59	.97	3.61
Cheraw |||	Pee Dee		T.					.83				.08	2.52		.14									.20			.12	.18				1.70	3.97
Conway |||	Waccamaw							1.23				.20	.73		T.									.35			.21				T.	1.51	4.23
Darlington |||	Pee Dee							.85				.41	.60		.25									.15			.35				T.	.90	3.21
Effingham |||	Lynches		T.					1.04				.09	.44		.05									.60			.25				.09	1.07	3.63
Ferguson |||	Santee							1.05	.30			.16	.42		T.						.03			.23			.42				.18	1.06	3.85
Florence 1 |||	Pee Dee																																
Florence 2 |||	do		.04					.72				.58	.03		.01									.23			.29				.91	2 81
Garnett	Savannah						.25	.81				.77		T.	T.									.02			.68			.02	.49	.78	3.82
Georgetown	Coast							1.05				1.05															T.					.28	2.38
Kingstree |||	Black							1.25				.30	.14		T.						.02	.12		.30	T.		.30				.04	1.53	4.00
Mars Bluff	Pee Dee							.80				.40												.50								1.15	2.85
Orangeburg	Edisto						.17	1.29				.65			.01	T.			T.	.04			.10			.35			T.	.31	1.08	4.00
Pinopolis	Cooper							1.50	.58			.40			T.					.20										.10	1.37		4.15
Rimini |||	Santee							.90				.36												.30			.36					1.60	3.52
St. George	Edisto							1.40				.38	.27								.05			.10			.43				.15	1.05	3.83
Society Hill |||	Pee Dee		.10					.74				.35	.38		.20									.18			.18				.22	.98	3.33
Summerville	Ashley						.13					.82		T.													.07				1.32		2.34
Wedgefield	Wateree		.10					.91				.52		T.							T.			.40			.35				.25	.90	3 43
Yemassee |||	Ashepoo							1.04				.37	.28								.02			.03			.75				.35	.85	3.69
Western Portion.																																	
Aiken	Edisto						.11	1.27				1.23				T.						.16		.20			.56				.57	2.01	5.75
Anderson	Savannah		.11				.15	1.56				.91												.22								1.80	5.11
Blairs |||	Broad		.11					1.17				.95	.16		.06							T.		.45			.28				.07	1.84	5.09
Cesar's Head	Saluda						2.37					.60															.25				1.75		4.97
Calhoun Falls |||	Savannah		.17					1.30	.04		T.	.81	.09								.50	.15		.20			.15					1.75	5.16
Camden |||	Wateree		.14					.88				.52	.36		.20									.18			.42				.08	2.25	5.03
Catawba |||	Catawba		.20					.95	.15			.75	.50			.10								.22			.19				.05	1.72	4.83
Chappells |||	Saluda		.13					1.55				.90	.23		T.						.10	.12		.26			.21				.03	2.19	5.72
Chester	Broad						1.68				1.25	.45										.75					.17				.30	1.34	6.01
Clemson College	Savannah		27				.05	2.18				1.03										.04		.14			.37				.34	1.55	5.97
Columbia ***	Congaree	.04					.49	.62			.08	.73		.01		T.				.03	.02			.16		.02	.22			T.	2.03	.55	5.00
Due West***	Savannah	T.					.83	.50			.16	.67				T.				T.	.28		T.	.27		.01	.13			T.	1.68	.01	4.54
Edgefield |||	Savannah		.50					1.50				.85												.55			.65					2.75	6.80
Gaston Shoals |||	Broad							1.50				.10	.80	.01	.11							.50		.14			.25				.10	1.34	4.85
Greenville ***	Saluda	.01					.95	.98			.06	1.15		T.							T.		T	.08		T	.27				1.62	.05	5.17
Greenwood |||	do							1.34				.81									.29	.36		.30			.34				.07	1.66	5.17
Heath Springs	Wateree	.15						.92				1.00		.12										.17			.31				2.07		4.74
Kershaw |||	Lynches		.14					.90				.72	.16		.08									.19			.18					2.62	4.99
Landrum	Broad							2.06				.41									.38			.13							.32	1.33	4.63
Laurens	Saluda		.16				.10	1.08				.98		T.							T.	.15	T.	.37			.09				.39	1.09	4.41
Liberty	Savannah																																
Little Mountain	Saluda							1.45				.90		.05		T.															.67	1.93	5.00
Newberry	Saluda	.12					.45	.80				1.02		.08		T.				.04	.09						.48				.30		3.38
Pelzer |||	do		.22					1.60				.70	.20								T.	.04		.30			.18					1.74	4.98
Saluda	do	.02	.18				.15	1.26				.95		.01							.08	.28		.16			.46				.23	1.80	5.58
Santuck	Broad		.27				.11	1.32				1.33		.08	T.	T.							.31				.18				.34	1.39	5.33
Spartanburg |||	do		.04					1.50				.27												.10			.10					1.50	3.51
Trenton	Edisto		.22				.13	1.12				.93										.13		.40			.65				.33	2.17	6.08
Walhalla	Savannah	T.	.03				.15	1.95				.88									.24			.35			.36				.30	1.55	5.81
Winnsboro |||	Broad		.10					1.02				.75	.24		T.							.02		.20			.26	.06			.05	1.93	4.63
Winthrop College	Catawba		.16					1.30				1.10		.50								.38		.35			.17				.25	1.30	5.51

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	51.4	82	23	1.85	7				
1888	52.1	80	19	6.71	9				sw.
1889	51.6	77	20	3.41	7				w.
1890	52.5	85	11	2.96					sw.
1891	50.0	78	20	7.88					ne.
1892	52.8	78	23	3.78					nw.
1893	53.9	85	18	2.22	9	13	9	9	sw.
1894	59.3	90	15	2.08	7	15	11	5	sw
1895	53.5	90	24	5.71	11	12	8	11	sw.
1896	53.1	93	19	2.12	5	14	10	7	sw.
1897	56.4	92	21	4.54	12	7	9	15	sw.
1898	59.1	92	22	2.99	7	11	9	11	ne.
1899	55.2	89	12	3.89	9	12	10	9	sw.
1900	51.6	79	22	4.22	9	12	8	11	sw.
1901	53.4	86	10	4.36	8	14	8	9	sw.
1902	54.0	86	19	4.08	10	14	7	10	sw.
1903	60.4	84	26	5.92	10	7	9	15	ne.
1904	56.2	87	23	3.42	9	13	9	9	ne.
1905	57.8	93	28	2.15	6	15	6	10	ne.
1906	51.6	82	18	5.34	10	13	6	12	w.
1907	62.0	99	20	1.57	5	15	10	6	sw.
1908	61.4	90	29	4.56	8	15	8	8	sw.
1909	54.1	90	27	4.80	11	14	8	9	sw.
1910	59.4	93	22	1.38	4	21	6	4	sw.
1911	54.9	90	22	2.30	7	17	8	6	w.
1912	53.2	88	15	6.79	10	14	5	12	ne.
1913	56.9	88	22	7.40	10	13	5	13	w.
1914	50.2	91	12	2.59	8	14	9	8	w.
1915	46.3	81	22	2.66	7	15	8	8	nw.
1916	53.7	87	15	2.14	5	19	8	4	sw.
1917	55.0	88	14	5.39	11	14	6	11	sw.
1918	59.7	89	29	1.83	6	16	8	7	sw.
1919	56.5	82	27	2.86	7	17	7	7	ne.
1920	52.3	87	10	6.73	8	17	6	8	sw.
1921	62.5	91	28	2.28	6	16	7	8	sw.
1922	55.5	89	24	7.04	11	15	7	9	w.
1923	56.2	88	17	5.14	9	15	6	10	sw.
1924	51.0	88	19	2.74	7	17	6	8	w.
1925	56.6	90	9	1.67	5	20	6	5	w.
1926	48.8	83	6	4.49	8	17	7	7	sw.
Period	54.8	99	6	3.90	8	14	8	9	sw.

Daily Temperatures for March, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	64	63	53	59	52	61	71	59	55	57	60	58	56	45	57	58	62	64	71	70	67	62	79	74	75	70	64	56	55	68	77	62.6
	Minimum	41	50	34	36	38	37	41	44	39	36	45	38	43	27	32	32	42	39	49	54	56	47	49	48	52	59	45	43	45	48	54	43.3
Blackville	Maximum	64	54	53	58	54	59	69	54	54	51	52	53	49	47	55	59	61	68	69	75	75	73	67	73	83	77	59	59	64	69	70	63.2
	Minimum	37	40	27	31	33	35	57	39	38	27	32	35	34	21	30	30	38	34	44	45	51	41	42	47	51	52	56	37	40	41	43	38.3
Charleston	Maximum	64	62	51	53	49	56	64	59	53	53	58	54	58	41	56	56	58	64	71	74	64	58	77	72	74	73	62	52	57	64	77	60.8
	Minimum	43	46	35	38	37	37	56	45	39	38	42	38	32	25	38	36	44	44	51	55	51	43	54	51	55	55	48	42	47	49	51	44.0
Cheraw§§	Maximum	64	56	48	55	49	46	61	54	50	56	46	50	46	45	42	55	56	67	78	78	67	66	72	80	80	63	65	55	56	62	74	59.4
	Minimum	43	46	35	38	37	37	56	45	39	38	42	38	32	25	38	36	44	44	51	55	51	43	54	51	55	55	48	42	47	49	51	44.0
Conway	Maximum	32	38	22	25	28	22	39	37	24	24	38	33	35	18	28	24	40	28	35	53	52	32	50	38	42	55	33	33	30	42	57	35.1
	Minimum	68	63	55	55	50	53	57	66	53	59	53	56	56	42	54	55	56	66	75	78	73	64	76	78	79	79	62	57	56	64	72	62.3
Darlington §§	Maximum	35	48	26	29	31	29	46	42	30	27	41	35	29	21	33	29	41	30	41	50	53	34	49	42	51	58	37	38	36	47	58	38.6
	Minimum	65	58	49	55	49	59	65	56	51	59	44	58	40	42	53	55	56	67	76	78	70	66	74	79	79	65	64	57	57	69	77	61.0
	Maximum	33	39	22	27	29	23	30	40	26	24	32	29	34	17	21	27	32	30	37	51	55	32	43	40	52	58	33	36	31	40	47	34.5
	Minimum																																
Fergnson §§	Maximum					47				51	57		57	51	48	52	55			75	75	70	75	75	78	76		63	61	56		75	[b]62.5
	Minimum	33	47	26	29	30	33	34	42	33	27	36	33	40	24	31	28	33	42	43	56	46	43	45	44	51	34	43	44	43	45	53	38.4
Florence 1	Maximum																																
	Minimum																																
	Maximum																									80	78	69	63	56	55	59	76	[b]63.4
	Minimum																									40	47	57	42	40	40	45	56	[b]39.3
Garnett	Maximum	67	64	59	60	54	47	70	68	57	63	52	60	55	45	59	59	63	70	76	78	76				80	80	70	68	62	58		80	[b]65.0
	Minimum	35	42	29	34	36	34	40	43	37	29	41	32	35	23	30	30	41	30	46	50	57				40	47	57	42	40	40	45	56	[b]39.3
Georgetown	Maximum	68	65	65	61	60	54	53	66	59	60	54	60	60	46	59	66	60	70	73	80	74	68	80	80	80	70	68	62	58			80	[b]65.0
	Minimum	35	42	29	34	36	34	40	43	37	29	41	32	35	23	30	30	41	30	46	50	57				40	47	57	42	40	40	45	56	[b]39.3
Kingstree	Maximum	33	41	46	25	28	31	30	40	28	25	40	33	36	20	33	29	41	29	41	53	56	35	49	46	57	56	40	38	38			46	[b]38.1
	Minimum	68	65	65	61	60	54	53	66	59	60	54	60	60	46	59	66	60	70	73	80	74	68	80	80	80	70	68	62	58			80	[b]65.0
Orangeburg 1	Maximum	33	41	46	25	28	31	30	40	28	25	40	33	36	20	33	29	41	29	41	53	56	35	49	46	57	56	40	38	38			46	[b]38.1
	Minimum	65	62	55	56	52	46	67	66	53	59	52	60	55	45	54	56	56	66	75	78	73	66	78	79	78	75	66	67	57	61	79	63.1
	Maximum	36	47	25	29	33	29	40	42	30	27	40	33	21	22	31	30	45	30	42	54	57	35	51	42	50	58	37	38	37	46	58	38.5
	Minimum	65	60	55	56	50	43	67	64	53	56	52	58	52	43	52	57	67	75	75	71	66	76	80	77	75	72	63	57	55	59	73	62.1
	Maximum	36	45	27	32	33	30	37	41	35	29	40	33	32	22	32	30	31	41	51	58	40	55	41	48	52	57	38	37	39	44	59	62.1
St. George	Maximum	65	61	52	59	50	61	69	50	55	59	48	59	53	44	54	57	60	67	72	77	71	66	78	79	76	65	64	58	55	67	75	62.1
	Minimum	34	35	27	30	35	32	36	42	35	28	33	33	38	22	26	28	31	30	34	47	52	39	45	41	46	52	39	39	40	44	47	36.8
Society Hill §§	Maximum	65	58	49	55	47	59	63	56	49	60	42	54	49	42	51	54	55	65	76	77	67	61	73	80	80	65	64	55	56	64	75	60.2
	Minimum														18	25	25	30	34	35	41	55	33	36	40	45	54	33	35	31	34	44	[a]36.0
Summerville	Maximum	66	62	57	58	55	53	69	68	54	58	54	59	58	45	55	57	57	67	74	75	70	65	78	77	75	69	63	59	55	61	79	63.0
	Minimum	34	41	27	30	33	31	49	41	35	28	40	32	34	22	30	28	38	30	47	51	53	38	51	40	47	56	38	39	38	45	59	38.7
Wedgefield	Maximum	63	58	52	55	47	48	65	64	61	58	55	58	54	43	52	55	58	65	77	79	70	68	75	80	77	67	63	62	57	58	73	61.8
	Minimum	38	42	24	28	30	28	32	35	31	29	38	32	30	20	32	28	40	34	40	52	55	36	53	47	56	55	37	36	37	43	57	37.9
Yemassee	Maximum	68	61	57	59	54	47	72	66	56	60	53	60	55	45	56	57	61	69	75	76	74	66	78	79	76	68	63	56	54	59	76	63.1
	Minimum	34	47	27	33	35	32	40	42	35	28	40	32	39	21	30	31	42	30	46	50	55	41	52	42	45	57	39	40	40	44	58	39.6
Western Portion.																																	
Aiken	Maximum	63	61	51	58	51	55	65	62	51	56	53	60	57	45	50	56	60	66	72	73	78	74	73	70	75	71	61	55	55	53	68	61.4
	Minimum	40	45	39	35	33	37	34	41	36	32	40	35	36	28	34	32	49	38	42	53	57	46	56	55	53	56	40	38	41	42	50	41.7
Anderson	Maximum	61	54	48	55	48	40	58	53	55	49	49	57	47	41	50	53	61	66	71	73	70	55	72	78	74	60	57	55	55	50	60	57.1
	Minimum	35	37	24	27	29	28	32	32	30	28	32	33	26	16	29	28	35	37	42	52	49	43	44	44	49	45	34	30	36	42	46	35.1
Caesar's Head	Maximum	50	43	38	46	38	42	54	42	43	41	41	50	22	34	38	41	61	60	66	66	61	58	49	60	72	70	47	50	48	47	49	[a]48.7
	Minimum	34	28	12	18	18	19	22	24	21	23	27	28	28	6	20	20	20	21	21	44	42	38	37	44	45	39	25	20	30	32	33	27.1
Calhoun Falls§§	Maximum	61	55	51	59	50	41	62	52	58	52	48	60	44	45	51	56	63	62	74	73	71	57	73	81	74	67	60	55	54	52	62	58.8
	Minimum	33	35	22	22	26	26	26	32	28	24	25	28	30	11	14	24	24	28	30	38	42	42	38	41	42	46	32	28	29	34	39	30.3
Camden §§	Maximum	67	54	50	52	56	56	60	55	57	58	50	68	50	48	50	53	63	65	74	71	72	76	77	78	80	67	63	58	60	66	66	61.9
	Minimum	30	40	24	25	26	27	28	38	29	29	33	34	36	19	24	26	23	40	32	40	55	52	52	51	54	54	35	36	34	38	41	35.6
Chester	Maximum									28	26			28	17						52		39	38		42	45	36	32	32			32.1
	Minimum	25	26	25	26	25	26			28	26			28	17						52		39	38		42	45	36	32	32			32.1
Clemson College	Maximum	59	61	50	74	56	47	59	57	55	55	50	57	58	41	50	55	59	61	75	75	72	69	71	80	78	71	62	54	53	53	62	60.6
	Minimum	29	38	23	24	28	21	32	35	30	24	32	28	27	12	26	27	38	28	33	49	42	45	45	38	45	51	36	29	31	41	44	33.3
Columbia	Maximum	62	54	47	56	47	42	63	52	52	55	43	57	52	42	51	53	57	66	71	74	68	62	72	78	76	62	59	54	54	58	68	58.3
	Minimum	40	37	29	32	32	29	37	40	33	30	39	35	27	20	31	30	44	37	45	55	52	41	54	45	55	47	38	36	37	43	42	38.5
Due West	Maximum	60	52	46	53	46	41	59	51	53	50	46	56	43	40	49	52	57	60	71	71	68	53	69	76	73	61	55	52	52	48	61	55.6
	Minimum	37	32	24	27	30	29	33	34	31	29	33	34	23	18	29	28	38	35	39	54	51	42	45	43	49	42	35	32	38	41	26	35.2
Greenville	Maximum	58	48	44	52	44	39	57	50	53	48	46	55	44	38	46	52	56	60	70	73	66	52	70	76	73	58	55	51	53	46	58	54.5
	Minimum	38	30	21	30	28	28	32	33	29	35	32	36	22	18	28	29	38	38	40	52	51	41	45	47	52	43	35	31	37	41	36	35.4
Greenwood	Maximum	53	60	52	47	53	50	42	60	50	52	52	46	57	44	41	49	52	60	60	72	70	70	56	69	73	73	62	55	53	53	57	56.2
	Minimum	28	29	22	24	29	25	27	35	31	30	33	33	35	16	26	28	30	34	37	45	49	42	42	46	51	53	36	31	34	38	41	34.0
Heath Springs	Maximum	51	57	53	47	48	49	54	48	50	48	48	54	49	47	42	49	63	62	72	73	68	62	68	74	74	63	60	51	51	50	65	56.5
	Minimum	33	37	32	25	23	19	34	28	30	29	30	34	26	15	29	28	36	37	45	46	51	34	50	45	52	36	37	32	34	41	47	34.8
Kershaw	Maximum	63	55	46	53	46	42	61	55	49	54	45	52	50	47	50	52	55	64	75	74	69	64	70	78	77	69	62	54	53	54	69	58.3
	Minimum	37	39	21	26	28	23	35	36	28	27	35	32	26	16	20	26	39	35	42	50	39	42	51	43	51	47	34	33	32	50	41	35.3
Landrum	Maximum	55	55	44	49	49	50	58	46	46	45	45	52	52	39	45	51	52	57	68	59	51	51	60	74	67	67	45	46	49	49	48	52.4
	Minimum	37	32	20	28	26	23	31	29	27	30	31	39	26	15	25	21	36	33	37	48	48	37	46	36	48	45	37	29	29	40	43	33.3
Laurens	Maximum	62	54	49	54	44	43	61	54	49	52	46	59	50	43	52	54	59	62	74	74	69	58	72	79	77	64	59	54	53	68	64	57.8
	Minimum	36	39	21	23	29	27	33	35	27	25	33	30	27	16	26	28	39	31	40	54	48	40	46	39	51	48	34	30	30	42	41	34.5
Liberty	Maximum																																
	Minimum																																
	Maximum																																[b]58.4
	Minimum																																36.1
Little Mountain	Maximum	58	55	55	63	45	50	63	51	52	55	48	52	42	43	50	55	58	62	70	74	70	63	73	78	78	63	59	52	53	50	66	58.6
	Minimum	30	34	22	29	29	28	32	35	35	32	34	32	30	16	30	28	38	35	45	50	43	38	41	55	52	51	37	31	37	40	49	35.8
Newberry	Maximum	63	58	47	54	47	44	60	56	54	54	44	57	50	42	57	53	58	63	73	74	70	65	73	78	78	63	58	54	54	50	66	59.7
	Minimum	39	40	22	25	30	28	35	35	30	26	35	35	26	16	31	25	39	33	41	52	52	40	47	40	52	48	35	32	33	42	47	35.8
Saluda	Maximum	62	55	51	54	53	47	62	58	53	55	51	58	57	43	51	54	60	62	71	74	72	69	71	77	78	70	60	51	55	54	65	59.7
	Minimum	35	40	23	27	31	25	34	27	31	25	36	31	31	18	29	28	40	31	39	49	52	41	51	39	52	54	36	33	31	42	49	35.8
Santuck	Maximum	56	56	48	50	50	47	58	58	49	49	49	55	55	38	46	50	50	58	65	70	65	65	72	72		58	54	54	51	50	63	[a]55.4
	Minimum	33	34	19	21	29	19	34	36	26	22	33	33	30	14	29	20	32	26	31	46	35	46	33	40		53	32	29	27	41	47	[a]31.7
Spartanburg	Maximum	60	48	50	48	44	55	52	54	50	50	52	50	40	50	54	58	62	70	74	70	70	66	75	78	60	58	56	55	52	58	60	57.4
	Minimum	33	36	24	24	28	24	33	32	30	23	25	29	36	13	28	20	31	27	32	39	46	39	42	35	43	44	34	29	30	34	44	31.8
Trenton	Maximum	47	56	49	57	49	44	62	56	55	53	50	59	51	45	52	54	60	62	73	74	69	63	72	80	75	74	59	54	54	52	65	58.9
	Minimum	26	40	26	29	32	32	34	37	32	31	36	33	32	20	30	28	40	30	40	52	54	42	53	43	60	53	37	43	37	42	48	37.8
Walhalla	Maximum	60	51	49	57	47	40	60	50	57	49	50	57	50	42	49	55	59	61	71	76	68	65	68	79	75	64	57	53	53	47	57	57.3
	Minimum	27	35	20	23	24	27	30	32	27	26	31	28	22	11	22	22	37	26	31	48	42	44	44	41	40	47	33	26		39	39	[a]31.5
Winnsboro §§	Maximum	63	58	45	53	46	43	59	52	51	54	39	57								74	74	70	62	71	78	75	62	59	53	54	63	66	[b]59.0
	Minimum	28	40	23	28	28	24	29	36	28	29	37	34	37							52	52	37	41	45	52	55	36	32	35	37	42	[b]36.7
Winthrop College	Maximum	60	55	45	52	47	44	61	55	50	51	47	56	50	40	44	52	56	64	74	75	68	60	67	77	77	67	60	56	56	50	65	57.5
	Minimum	33	31	21	25	25	24	33	38	21	28	31	34	27	16	29	27	36	32	40	50	36	38	45	42	50	48	35	32	36	41	46	33.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs

W B O, Raleigh, 4-28-26—900

UNSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., APRIL, 1926. No. 4.

GENERAL SUMMARY.

The month was considerably cooler than usual, with rather frequent warm and cool periods. Precipitation averaged below normal, the bulk of the month's rainfall occurring during the first 15 days.

Wet soil during the first half of the month retarded plowing and the planting of spring crops, and the growing season opened about 10 days late. Wheat, oats, rye, early gardens, early field truck, and pastures improved materially until toward the close of the month, when rain was needed. Cotton and corn planting became general after the first week, but germination was slow and irregular on account of cool nights. Tobacco transplanting began about the 20th and was practically completed at the end of the month. The season was especially favorable for asparagus and the hardier spring vegetables. The frosts of the 20th caused some damage to white potatoes and tender lowland crops. The woods were green in the central counties by the 14th.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.03 inches. The highest pressure was 30.40 inches at Columbia and Due West on the 20th; the lowest pressure was 29.58 inches at Asheville, N. C., on the 8th, and in the Section proper, 29.67 inches at Greenville on the 16th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 60.3°, or 2.1° below the normal. The highest temperature was 94° at Kingstree on the 24th. The warm periods were from the 6th to the 11th, 15th to 18th, and 22d to 24th, inclusive. The lowest temperature was 26° at Caesar's Head on the 1st. The cool periods were from the 1st to the 4th, 12th to 14th, 19th to 21st, and 26th to 29th, inclusive. Late spring killing frosts were general in the central and northern counties on the 20th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 72%; noon, 53%; 8 p. m., 60%. The highest percentages occurred along the coast, and the lowest, over the interior.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 4.13 inches, or 0.59 inch below the normal. Precipitation ranged generally below the normal, except in small areas of the upper and lower coastal plain, the monthly totals in the major portion of the Section being below 3 inches. There were four fairly well-defined periods of rain, but during the last half of the month the showers were generally light and scattered, especially in the eastern counties. The greatest local monthly amount was 5.09 inches at Kershaw; least local monthly amount, 1.26 inches at Conway. The greatest amount during any 24 hours was 3.92 inches at Cheraw on the 11-12th. The number of rainy days was 14% below the normal.

A small tornado of the bounding type visited the region about Red Bank, near Lexington, S. C., at 6:15 p. m., April 7, 1926. The storm moved from southwest to northeast in an ill-defined path about 6 miles long; two persons were injured, and the property damage approximated $12,000.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 9.2 miles. The highest average was 12.2 miles per hour at Savannah, Ga., and in the Section proper, 11.2 miles per hour at Greenville; the lowest average was 6.1 miles per hour at Charlotte, N. C., and in the Section proper, 7.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 46 miles per hour from the southwest at Savannah, Ga., on the 11th, and in the Section proper, 38 miles per hour from the west at Due West on the 8th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 anemometer records, was 284.8 hours, or 73% of the possible amount. The average number of clear days was 18; partly cloudy, 6, and cloudy, 6, as against normals of 15, 8, and 7 days, respectively.

RIVER CONDITIONS.

The rains at the close of March were followed by flood stages in the Santee River at Rimini from the 2d to the 20th, and at Ferguson, from the 4th to the 23d. The Pee Dee River was in flood at Mars Bluff on the 16th, 17th, and 18th.

MISCELLANEOUS PHENOMENA (dates).

Killing Frosts or Freezing Temperatures, Number of Stations.—4th, 1; 20th, 17.

Hail.—Summerville, 9.

Halos—Lunar: Columbia, 24, 25; Due West, 21, 24, 25; Greenville, 24; Santuck, 4. *Solar:* Columbia, 2, 22, 25; Due West, 2, 7, 9, 10, 21, 22, 23, 24, 25, 28; Greenville, 2, 18, 21, 22; Santuck, 7.

ERRATA.

March, 1926.—Clemson College, mean temperature, page 10, should be 47.0. Kershaw, total rainfall, page 10, should be 5.29, and total number of rainy days, 9; rainfall, page 11, 13th, should be 0.30. Summerville, maximum temperature, page 10, should be 79 on 31st.

MISCELLANEOUS DATA FOR APRIL, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.03	52.1	77	29	1.68	0.93	8.8	n.	73	42	51	66
Augusta, Ga.	30.03	62.8	85	39	2.02	0.69	6.2	nw.	75	56	60	76
Charleston, S. C.	30.04	62.8	84	41	2.48	1.08	10.7	sw.	71	67	74	76
Charlotte, N. C.	30.03	58.5	85	33	1.28	0.41	6.1	sw.	72	57	55	72
Columbia, S. C.	30.03	62.1	86	38	1.94	1.14	7.9	w.	70	48	50	73
Due West, S. C.	30.05	59.0	83	33	1.68	1.08	10.6	sw.	70	46	....	73
Greenville, S. C.	30.00	59.0	82	34	2.08	1.26	11.2	sw.	64	46	47	77
Savannah, Ga.	30.04	64.8	88	42	2.24	1.75	12.2	s.	78	56	68	72
Wilmington, N. C.	30.03	60.6	82	34	3.34	2.71	9.0	sw.	74	57	73	74
Means and extremes	30.03	60.2	88	29	2.08	2.71	9.2	sw.	72	53	60	73

Climatological Data for April, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	With precipit'n (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Beaufort	Beaufort	21	45	63.9	−1.1	90	24	41	1	36	2 04	−0.27	0.60	0	8	21	8	1	nw.	Pathologist True's. Sup. Co.
Blackville	Barnwell	296	42	62.6	−1.8	80	30	33	1	49	4.48	−1.19	1.30	0	8	19	3	8	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	62.8	−1.7	84	21	41	20	24	2.48	−0.51	1.08	0	6	15	8	7	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	60.0	−1.5	88	†21	31	20	51	5.05	−2.11	3.92	0	5	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	36	61.6	−1.0	88	24	32	20	47	1.26	−1.84	0.37	0	7	20	3	7	sw.	Paul Quattlebaum.
Darlington††	Darlington	175	31	60.4	−1.5	89	24	30	20	44	5.45	+2.26	2.28	0	6	19	6	5	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	1.89	−1.43	0.30	0	9	....	....	....	.....	Wm. B. Gillespie,
Ferguson‡‡	Orangeburg	63	40	[b]64.4	+2.3	90	24	[b]44	19	[b]37	2.89	+0.02	0.54	0	10	....	....	....	... ..	Henry C. Savage.
Florence 1	Florence	136	44	[c]61.4	−1.2	[c]89	24	[c]34	20	[c]45	3 88	+1.05	1.96	0	7	21	0	9	ne.	H. K. Gilbert.
Florence 2	.....do	136	11	.....	.....	.....	.....	.....	.....	.....	3.75	+0.92	1.96	0	7	18	2	10	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	[a]64.8	.....	[a]92	24	[a]36	2	[a]47	3.10	.....	1.60	0	8	16	11	3	.....	Maner B. Robert.
Georgetown	Georgetown	18	33	[b]63.5	0.0	[a]88	23	[a]31	20	[a]49	1.91	−1.42	1.10	0	5	15	12	3	sw.	A. P. Hazard.
Kingstree	Williamsburg	54	44	62.3	−0.9	94	24	35	20	44	1.66	−1.15	0.45	0	8	18	3	9	w.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.... ..	.....	.....	.....	.....	.....	.....	1.55	.....	0.70	0	3	...	...	...	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	62.4	−2.2	87	24	35	20	46	2.43	−0.38	0.70	0	7	15	10	5	w.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	79	60.0	−2.1	84	24	38	20	....	2.82	−0.15	1.31	0	5	....	....	....	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	. ..	1.95	−0.92	1.13	0	4	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. L. Utsey.
Society Hill	Darlington	192	35	[a]58.5	-3.3	[a]85	22	30	20	[a]48	4.44	+1.18	3.30	0	5	20	4	6	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	61.5	−2.1	90	24	34	20	46	3.65	+0.21	1.30	0	7	22	2	6	ne.	Dr. William Simons.
Wedgefield	Sumter	249	36	61.9	−0.5	89	24	33	20	47	2.35	−0.71	0.90	0	7	21	7	2	w.	W Hampton Ramsey
Vemassee	Hampton	24	37	63.0	−0.8	90	24	36	2	46	1.67	−1.35	0.65	0	8	17	2	11	nw.	W. C. Hutson.
Division means and	extremes	.....	....	62.1	−0.9	94	24	31	20	51	2.76	−0.28	3.92	0	7	18	6	6	sw.	
Western Portion.																			
Aiken	Aiken	527	64	63.2	+0.2	85	24	38	2	42	1.28	−1.81	0.69	0	2	21	2	7	nw.	Frank B. McCoy.
Anderson	Anderson	764	33	59.5	−1.9	80	† 6	33	1	44	1.54	−1.64	0.88	0	5	20	2	8	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	1.46	−1.10	0.94	0	5	....	....	....	.....	Esther B. Owens.
Cesars Head‡‡	Greenville	3118	2	51.8	.....	77	24	26	1	44	3.43	.....	2.30	0	3	14	7	9	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	57.6	.....	87	30	30	20	46	2.62	−0.90	1.10	0	7	13	11	6	w.	L. M. Parker.
Camden	Kershaw	222	76	59.9	−2.0	87	24	34	20	45	3.44	+0.36	1.50	0	7	20	1	9	ne.	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	1.54	−1.45	0.60	0	4	....	....	....	....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	2.65	+0.12	1.21	0	8	...	...	...	.....	George V. Clamp.
Chester	Chester	487	4	60.2	.....	83	25	31	20	43	2.23	.....	0.85	0	5	19	6	5	ne.	J. C. Cornwell.
Clemson College	Oconee	850	34	58.8	−0.8	84	30	30	† 2	52	2.10	−1.61	1.20	0	6	24	1	5	w	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	62.1	−1.2	86	24	38	1	40	1.94	−0.92	1.14	0	8	16	8	6	w.	U S. Weather Bureau.
Due West	Abbeville	711	12	59.0	−1.7	83	30	33	1	40	1.68	−1.33	1.08	0	9	14	8	8	sw.	U. S. W B. Aerological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	1.65	−1.47	0.60	0	4	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	2.02	−1.27	1.15	0	6	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	59.0	+0.4	82	30	34	1	35	2.08	−1.57	1.36	0	8	13	12	5	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	58.3	−2.8	79	†24	33	20	42	2.43	−0.46	0.82	0	5	23	0	7	w	M. M. Calhoun.
Heath Springs	Lancaster	568	24	[b]59.4	−1.0	[b]85	24	30	20	[b]44	2.41	−0.63	1.12	0	5	16	5	9	w.	J. Marvin Bowers.
Kershaw	Kershaw	500	10	59.6	−3.1	86	24	29	20	46	5.09	+1.47	3.55	0	6	14	0	16	w.	John W. Hamel.
Landrum	Spartanburg	1063	11	56.0	−4.0	77	30	31	† 1	40	1.89	−3.26	0.87	0	6	19	6	5	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	59.2	.....	85	30	29	20	46	1.71	.....	0.79	0	5	18	9	3	s.	L. G. Rolf.
Liberty	Pickens	900	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	O. F. Boggs.
Little Mountain	Newberry	711	33	59.9	−1.9	84	24	33	20	43	1.89	−1.19	0.80	0	5	17	7	6	w.	Miss Alberta Sease.
Newberry	Newberry	592	22	60.0	−2.2	84	30	31	20	41	2.56	−0.26	0.98	0	8	17	6	7	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	2.70	−1.04	1.22	0	5	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	59.8	−2.5	84	30	30	20	45	1.84	−0.84	0.65	0	8	16	9	5	sw.	W. S. Crout.
Santuck	Union	512	33	55.1	−5.3	76	24	27	20	41	2.00	−1.22	1.03	0	8	16	10	4	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	M. H. Daniel.
Trenton	Edgefield	620	33	62.2	-0.5	88	24	35	1	47	1.61	−1.71	0.65	0	5	17	7	6	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	57.7	−0.5	85	30	28	† 4	53	2.59	−2.06	1.55	0	7	16	10	4	sw.	H. W. Brandt.
Winnsboro	Fairfield	515	32	[d]58.2	−2.9	[d]82	6	[b]31	20	[d]39	1.43	−1.25	0.87	0	6	16	6	8	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	26	59.2	−1.7	84	24	29	20	50	1.82	−1.30	1.00	0	5	14	13	3	s.	W. T. Clawson.
Division means and	extremes	.....	....	58.9	−2.2	88	24	26	1	52	2.19	−1.08	3.55	0	6	17	7	6	sw.	
Section means and	extremes	.....	....	60.3	−2.1	94	24	26	1	52	2.43	−0.59	3.92	0	6	18	6	6	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for April, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort	Coast								.26	.06		.60	.46	.01			.45	.16												.04			2.04
Blackville ‖‖	Edisto								1.30	.10		.50		.58		.10	.75	.45							.70								4.48
Charleston ***	Coast			.05				.81	.27			.44	T.	T.			.85							T.					.06				2.48
Cheraw ‖‖	Pee Dee								.41	.34		.10	3.92	.28																			5.05
Conway ‖‖	Waccamaw				.29				.37	T.		11	.21	T.			.04	.14												.10			1.26
Darlington ‖‖	Pee Dee								.75	.02		T.	2.25	2.28			.05	T.						.10									5.45
Effingham ‖‖	Lynches				.21				.22	.30			.11	.12			.24	.30						.12					.27				1.89
Ferguson ‖‖	Santee			.05	.06				.54	.38		.32	.40	.08	T.		.52	.45												.09			2.89
Florence 1 ‖‖	Pee Dee				.08				1.06	.06		.02	1.96	.34			.13	.12						11									3.88
Florence 2 ‖‖	....do				T				1.06	.06		.02	1.96	.34			.14							.17									3.75
Garnett	Savannah			.05				1.60	.10			.73	.25	.02			.20												.15				3.10
Georgetown	Coast			.11								1.10	T	T.			.35			.15	.20									T.			1.91
Kingstree ‖‖	Black				.30				.25	.10		.15		T.	.05	.06	.30	.45															1.66
Mars Bluff	Pee Dee								.35				.70	.50																			1.55
Orangeburg	Edisto			T					.70	.12		.57	.04	.30	T.		.56	T.								.14							2.43
Pinopolis	Cooper							.51	.30			1.31					.10												.10				2.82
Rimini ‖‖	Santee								1.13	.12		.10				.60	T.																1.95
St. George	Edisto																																
Society Hill ‖‖	Pee Dee								.67	.22			3.30	.20											.05								4.44
Summerville	Ashley			.01				.30	.80	.80		1.30		.05			.39																3.65
Wedgefield	Wateree			.30				.10	.90			.05	.35	.15			.50												T				2.35
Yemassee ‖‖	Ashepoo				.03				.43	.15		.65	.16				.09	.05												.11			1.67
Western Portion.																																	
Aiken	Edisto							.69									.59																1.28
Anderson	Savannah							.88				.25		.21		.10								.10									1.54
Blairs ‖‖	Broad								.91			.21	.05	.04			.22																1.46
Cesar's Head	Saluda							2.30			.84		.29													.44							3.43
Calhoun Falls ‖‖	Savannah								1.10	.19		.61	.04	.07			.17																2.62
Camden ‖‖	Wateree								1.50	.80		.12	.70	.12			.12							.08									3.44
Catawba ‖‖	Catawba								.60			.22	.46	.26																			1.54
Chappells ‖‖	Saluda			.09					1.21			.36	.19	.03			.66	.05								.06							2.65
Chester	Broad							.75	.10			.85	.30											.30									2.30
Clemson College	Savannah							1.20	.23			.20	.11	T.										.20	.16								2.10
Columbia ***	Congaree			.18				1.12	.02			.07	.09	.02		T.	.41							.03									1.94
Due West***	Savannah			.02				1.04	.08			.22	.04	.16		T.	.08			T				.01	.03				T.				1.68
Edgefield ‖‖	Savannah								.60	.15		.30					.60																1.65
Gaston Shoals ‖‖	Broad								1.15	.22		.15		.35			.12		.03														2.02
Greenville ***	Saluda							1.29	.07			.34	.26	.03						.02				T.	.06	.01							2.08
Greenwood ‖‖	....do								.82			.42	.08				.64									.47							2.43
Heath Springs	Wateree							1.04	.08			1.12	.14											.03									2.41
Kershaw ‖‖	Lynches								.97	.17		.17	3.55	.20											.03								5.09
Landrum	Broad							.87	.06			.44	.38				.06			.08													1.89
Laurens	Saluda			T.				.79	.04			.43	T.	.38		T.								.07									1.71
Liberty	Savannah																																
Little Mountain	Saluda								.80	.30		.46	.28				.05								T								1 89
Newberry	Saluda			.08					.98	.03		.46	.45	.03			.33							T.	.20								2.56
Pelzer ‖‖	....do											T.	.16	.86										.40									2.70
Saluda	....do			.09					1.22	.06														.07	T								1 84
Santuck	Broad			T.					.65	.17		.31	.02			.03	.50							.05	.02				T.				2.00
Spartanburg ‖‖	....do								.82	.21		.45	.01	.24			.20							.05	.02								
Trenton	Edisto																																1.61
Walhalla	Savannah							.65	.07			.26	.05				.58																2.59
Winnsboro ‖‖	Broad							1.55	.10			.25	.10	.13										.37	.09								1.43
Winthrop College	Catawba				.06				.87	.15		.22		.08			.05																1.82
								.10	.37			.25	.10	1.00																			

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.	Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	62.3	94	28	2.09	5					1908	66.6	95	31	4.75	9	11	10	9	sw.
1888	64.6	95	31	1.33	4				sw.	1909	62.9	96	30	2.95	7	14	9	7	sw.
1889	62.4	93	30	2.01	6				ne.	1910	63.4	95	32	1.71	5	15	10	5	sw.
1890	62.8	94	31	2.02	6				sw.	1911	61.6	91	30	2.95	8	12	9	9	ne.
1891	63.2	92	26	1.66					sw	1912	64.3	91	32	4.24	9	14	5	11	sw.
1892	62.8	88	29	1.13					nw.	1913	61.2	90	30	2.00	6	20	4	6	sw.
1893	66.7	94	34	1.30	5	15	10	5	sw.	1914	63.7	98	30	2.86	7	14	10	6	w.
1894	62.6	95	30	2.01	6	15	10	5	sw.	1915	63.1	96	25	1.47	4	20	6	4	w.
1895	61.4	94	28	5.55	10	12	9	9	sw.	1916	61.6	93	24	1.79	5	18	8	4	w.
1896	66.9	98	30	1.31	4	14	11	5	sw.	1917	64.9	96	28	3.34	7	20	6	4	sw.
1897	62.2	95	31	3.24	9	16	6	8	sw.	1918	61.0	92	32	5.82	11	11	9	10	sw.
1898	58.0	92	26	5.05	8	16	7	7	sw.	1919	62.4	92	24	2.10	5	20	5	5	s.
1899	60.0	91	27	3.02	7	12	9	9	n.	1920	61.4	94	26	5.13	10	13	6	11	sw.
1900	62.4	90	24	5.41	9	12	9	9	ne.	1921	63.3	91	27	2.43	6	16	8	6	s.
1901	56.0	89	30	5.03	7	15	6	9	nw.	1922	64.5	95	33	5.11	8	14	7	9	sw.
1902	60.4	91	24	2.18	7	15	9	6	w.	1923	61.5	94	18	3.48	9	15	7	8	w.
1903	60.4	88	26	2.95	8	14	9	7	w.	1924	61.6	91	24	5.90	10	15	5	10	w.
1904	59.2	89	21	1.34	6	14	8	8	sw.	1925	65.9	99	25	2.12	6	18	6	6	s.
1905	62.8	92	25	3.83	9	15	8	7	sw.	1926	60.3	94	26	2.43	6	18	6	6	sw.
1906	65.1	93	28	1.39	4	20	6	4	sw.										
1907	56.4	89	20	4.40	10	10	13	7	sw.	Period	62.4	99	18	3.02	7	15	8	7	sw.

Daily Temperatures for April, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	65	68	73	61	75	77	76	77	81	77	78	76	54	69	71	71	77	81	64	63	76	78	86	90	76	71	72	80	74	80	....	73.9
	Minimum	41	42	54	51	47	52	57	61	56	60	63	62	49	47	49	59	53	55	56	43	48	57	61	65	65	56	48	52	54	52	....	53.9
Blackville	Maximum	65	77	78	74	79	87	80	79	80	82	82	63	59	70	73	73	80	78	67	68	84	85	83	87	78	72	78	84	78	88	....	77.0
	Minimum	33	36	45	44	38	47	55	58	49	54	58	59	42	40	44	55	49	55	48	36	41	49	61	63	57	48	45	45	45	48	....	48.2
Charleston	Maximum	65	64	67	60	71	77	73	75	72	70	70	69	54	62	70	70	75	79	66	61	72	76	80	84	78	70	70	76	70	78	....	70.8
	Minimum	42	46	56	51	47	54	60	63	58	61	64	53	46	46	56	58	55	60	49	41	51	59	63	65	63	56	51	56	55	57	....	54.8
Cheraw§§	Maximum	62	75	73	66	75	84	83	77	78	79	78	51	46	69	75	72	81	82	60	66	82	85	86	88	78	70	76	81	76	88	....	74.7
	Minimum	36	34	45	38	34	42	50	61	42	50	56	49	36	39	50	50	46	48	42	31	35	51	58	62	58	45	38	50	45	42	....	45.4
Conway	Maximum	68	71	77	65	73	83	78	80	77	76	72	70	53	63	65	63	79	85	78	63	79	85	85	88	84	73	72	82	75	84	....	74.9
	Minimum	40	37	49	44	38	45	49	64	51	53	61	52	42	43	48	52	50	50	46	32	38	49	60	63	63	52	42	44	49	46	....	48.4
Darlington §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ferguson §§	Maximum	75	74	77	70	71	81	82	78	79	78	70	67	55	65	68	70	80	74	62	63	78	82	84	90	84	82	72	80	73	83	....	74.9
	Minimum	....	47	53	46	....	49	....	67	....	60	62	61	48	49	52	58	53	....	44	42	45	....	64	68	65	54	45	51	54	52	....	[f]53.8
Florence I	Maximum	62	79	73	72	71	85	83	79	....	....	....	62	46	64	67	66	79	83	62	65	81	84	84	89	77	71	77	78	82	87	....	[e]74.5
	Minimum	38	39	47	41	40	46	54	60	49	....	....	....	40	40	43	53	50	55	45	34	41	49	62	64	64	50	45	52	49	56	....	[e]48.2
Garnett	Maximum	....	75	74	69	78	86	82	83	86	83	76	60	70	74	75	85	84	71	68	81	84	87	92	84	73	75	86	75	85	....	[a]78.7
	Minimum	....	36	53	43	39	45	55	62	53	51	62	58	46	46	53	58	52	54	52	40	43	54	60	66	62	53	40	46	48	48	....	[a]51.0
Georgetown	Maximum	80	70	67	68	75	82	80	80	80	74	68	70	72	85	68	65	81	....	74	60	80	83	88	83	83	82	74	80	75	85	....	[a]76.3
	Minimum	38	38	50	43	39	46	51	61	51	55	50	55	42	43	49	48	58	....	46	31	42	53	72	78	62	52	72	47	50	50	....	[a]50.7
Kingstree	Maximum	67	73	72	71	75	83	80	80	79	77	75	72	52	64	64	67	79	82	78	65	79	83	86	94	82	74	74	83	75	85	....	75.7
	Minimum	39	38	49	44	38	46	50	63	51	55	60	51	41	43	45	54	50	54	46	35	40	51	61	64	62	52	42	47	50	48	....	48.9
Orangeburg 1	Maximum	63	74	75	69	75	84	80	79	77	79	80	78	52	65	70	70	80	82	75	64	80	84	83	87	84	71	73	81	75	85	....	75.8
	Minimum	39	37	50	44	38	48	50	63	50	55	62	51	42	44	50	57	50	52	48	35	39	49	59	64	60	50	40	49	50	47	....	49.1
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Society Hill §§	Maximum	62	74	70	64	73	83	....	76	76	78	77	52	46	64	71	70	80	84	60	65	80	85	84	84	79	70	73	81	74	85	....	[a]73.1
	Minimum	37	36	36	40	35	35	45	52	45	46	52	51	38	38	41	51	49	49	47	30	31	56	52	61	61	48	40	42	48	44	....	45.9
Summerville	Maximum	70	71	73	69	74	81	70	70	72	73	75	75	58	66	67	70	79	81	71	64	80	80	85	90	73	73	81	75	81	87	....	74.6
	Minimum	39	36	49	46	38	45	52	62	51	55	59	57	44	44	49	48	47	53	49	34	41	52	59	60	52	40	46	47	49	51	....	48.1
Wedgefield	Maximum	63	74	72	65	74	83	82	78	78	79	78	75	48	65	68	70	78	82	68	61	80	82	74	89	82	70	82	72	73	88	....	74.5
	Minimum	37	40	48	42	39	56	52	62	48	51	60	48	40	42	50	54	49	57	46	33	40	51	60	66	59	48	42	48	62	49	....	49.3
Yemassee	Maximum	66	73	73	71	76	83	78	81	82	80	81	77	60	69	73	72	81	83	71	66	80	83	85	90	83	71	74	82	76	84	....	76.8
	Minimum	38	36	52	47	37	45	51	60	51	53	60	58	46	47	50	56	51	51	58	36	38	52	60	64	60	50	38	45	45	46	....	49.1
Western Portion.																																	
Aiken	Maximum	62	73	71	71	74	82	77	78	79	81	78	65	56	61	67	72	75	81	77	65	81	83	81	85	78	71	72	77	72	83	....	74.5
	Minimum	40	38	52	43	43	49	57	65	53	54	59	50	45	47	51	51	59	58	50	39	57	55	67	70	60	58	45	51	47	49	....	51.8
Anderson	Maximum	60	72	74	65	72	80	71	67	71	73	72	69	49	65	74	72	80	76	66	65	79	78	78	89	73	68	73	72	72	86	....	71.8
	Minimum	33	36	48	36	40	51	52	58	45	52	57	42	38	42	53	52	52	51	46	35	42	54	60	65	44	42	40	53	44	50	....	47.2
Caesar's Head	Maximum	58	69	68	[a]6	67	72	59	60	60	66	62	44	43	59	66	69	71	72	50	57	75	71	73	77	65	58	66	65	63	....	....	[a]63.2
	Minimum	26	30	37	29	39	44	52	51	36	41	47	43	31	34	39	44	44	49	34	27	31	50	53	55	46	34	38	43	35	41	....	40.3
Calhoun Falls §§	Maximum	62	74	70	67	76	82	69	70	71	74	77	55	51	71	72	74	79	83	69	69	81	80	81	81	73	70	75	76	76	87	....	73.4
	Minimum	31	31	39	41	35	36	49	52	45	45	46	50	37	37	40	58	44	45	41	30	34	41	49	59	51	38	37	37	41	41	....	41.7
Camden §§	Maximum	63	76	75	69	73	78	82	65	76	80	70	74	54	69	71	71	81	76	66	65	81	82	75	87	77	72	78	74	80	86	....	74.3
	Minimum	37	36	43	39	37	44	52	58	47	55	52	42	40	40	43	53	46	51	46	31	35	56	59	48	39	50	46	44	....	....	....	45.5
Chester	Maximum	65	70	65	65	73	72	74	72	74	71	75	74	75	76	77	78	78	78	72	70	74	72	72	78	83	79	78	74	74	74	....	73.4
	Minimum	36	34	36	54	36	35	41	44	41	53	59	60	60	59	60	55	46	52	50	31	60	61	61	60	39	42	40	39	40	41	....	47.1
Clemson College	Maximum	62	69	70	72	70	80	78	68	73	71	73	70	54	65	72	75	80	78	82	67	80	81	80	80	72	79	73	73	72	84	....	73.4
	Minimum	33	30	30	33	35	41	48	59	42	49	57	47	39	42	54	53	54	49	45	30	36	41	58	62	55	37	34	51	39	46	....	44.1
Columbia	Maximum	63	70	68	70	61	61	71	81	80	69	73	84	87	84	87	81	78	85	88	93	65	73	90	94	92	92	90	80	70	67	....	78.2
	Minimum	34	42	44	48	53	50	50	48	53	56	55	51	50	62	62	60	59	61	63	65	50	56	62	67	68	66	65	52	51	48	....	55.4
Due West	Maximum	59	69	72	63	73	80	71	69	74	70	73	66	48	65	70	71	78	76	63	65	79	79	80	81	73	67	72	72	72	83	....	71.1
	Minimum	33	34	47	37	41	51	52	54	46	53	58	46	39	38	57	53	49	54	43	34	39	51	63	64	53	40	42	52	41	46	....	46.8
Greenville	Maximum	60	68	74	64	72	78	69	66	72	70	70	64	48	65	72	71	78	76	61	64	79	76	78	79	71	64	71	70	71	82	....	70.1
	Minimum	31	39	43	39	42	52	57	49	40	54	56	39	37	41	54	52	51	54	41	37	41	55	59	62	53	44	45	54	46	51	....	47.8
Greenwood	Maximum	63	59	71	74	76	77	74	73	72	75	72	75	52	49	65	75	70	78	75	63	64	74	78	79	79	70	66	72	72	72	....	70.6
	Minimum	34	36	41	34	42	46	57	58	47	50	55	52	39	36	40	53	49	53	46	33	40	43	57	64	55	41	41	49	42	48	....	46.0
Heath Springs	Maximum	56	67	....	63	....	80	75	....	....	68	74	....	....	....	68	....	78	78	....	59	74	78	79	85	78	67	71	75	68	....	....	[b]72.4
	Minimum	35	38	40	37	37	50	52	60	43	41	60	46	38	40	52	50	48	55	42	30	40	56	62	64	57	42	39	50	42	44	....	46.4
Kershaw	Maximum	60	72	72	65	73	82	78	73	74	73	76	69	48	66	70	68	79	81	69	64	79	82	89	86	76	68	72	79	72	84	....	73.0
	Minimum	35	36	47	38	36	49	52	61	41	51	61	44	37	40	51	51	47	52	43	29	36	52	61	65	56	43	39	50	42	42	....	46.1
Landrum	Maximum	58	65	65	57	71	71	61	61	68	68	69	69	46	61	61	71	72	72	71	58	65	70	75	75	75	62	68	68	65	77	....	66.5
	Minimum	31	35	44	31	39	46	51	59	47	49	55	42	37	42	59	51	51	46	41	38	40	45	60	62	54	44	31	51	40	51	....	45.6
Laurens	Maximum	69	72	76	67	74	82	76	79	77	68	76	70	47	67	73	74	80	78	68	66	81	81	89	84	76	70	75	75	73	85	....	73.6
	Minimum	33	32	46	35	34	46	50	62	44	52	56	43	38	36	54	54	42	48	44	29	35	46	61	65	54	37	36	51	39	42	....	44.8
Liberty	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Little Mountain	Maximum	59	74	75	65	74	82	75	73	73	65	78	70	65	66	69	69	79	78	65	58	68	80	89	84	77	69	73	73	72	70	....	72.3
	Minimum	34	38	57	37	41	51	55	63	45	47	63	41	43	41	51	55	48	49	53	33	37	40	45	65	56	41	48	45	46	59	....	47.5
Newberry	Maximum	60	73	74	65	73	81	76	74	77	68	77	73	47	67	73	70	79	77	68	60	79	80	89	82	74	69	73	76	73	84	....	72.8
	Minimum	35	31	49	35	27	47	56	61	46	53	59	45	30	43	54	53	45	53	45	31	38	53	63	66	57	41	38	52	46	44	....	47.3
Saluda	Maximum	60	72	73	68	72	80	78	74	76	75	78	75	50	68	69	70	77	78	78	65	78	80	81	83	76	68	73	77	72	84	....	73.6
	Minimum	35	33	48	35	35	41	53	62	46	59	60	48	40	43	50	55	44	53	46	30	35	52	60	65	56	38	34	53	39	49	....	46.1
Santuck	Maximum	58	65	71	71	69	69	69	64	65	67	71	71	44	58	65	67	67	71	71	57	68	71	72	76	75	68	69	64	65	78	....	67.0
	Minimum	35	30	43	30	30	41	48	62	40	59	46	43	38	42	50	52	42	56	44	27	33	41	56	57	56	36	32	53	36	37	....	43.2
Spartanburg	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Trenton	Maximum	68	74	75	67	77	84	75	75	80	74	80	72	50	70	69	66	81	79	66	68	84	85	84	88	77	72	78	80	77	88	....	75.4
	Minimum	35	38	50	40	40	49	54	50	49	65	62	48	41	42	53	55	48	57	46	37	39	52	64	69	55	44	49	50	48	47	....	49.0
Walhalla	Maximum	62	70	75	63	76	80	74	68	77	74	71	69	50	67	71	74	82	79	69	69	81	79	81	79	71	69	77	72	76	85	....	73.0
	Minimum	32	30	41	28	32	42	48	58	41	49	57	43	38	42	51	49	42	48	47	28	35	42	56	55	49	34	33	47	26	48	....	42.4
Winnsboro §§	Maximum	58	72	73	64	78	82	78	75	75	72	77	51	45	65	70	69	77	79	62	....	79	80	....	....	....	68	73	78	72	84	....	[c]71.4
	Minimum	35	38	44	37	39	45	50	56	44	51	55	50	38	38	42	52	48	55	44	21	29	45	63	....	....	44	40	49	46	50	....	[b]45.1
Winthrop College	Maximum	59	70	74	70	73	81	75	73	74	59	74	68	44	66	72	68	79	78	68	65	79	80	83	84	76	72	72	75	73	89	....	72.2
	Minimum	32	35	48	35	39	47	56	60	55	50	55	42	35	39	51	51	47	51	41	29	40	51	61	63	54	40	40	50	42	44	....	46.1

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 5-26-26—900

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

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SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., MAY, 1926. No. 5.

GENERAL SUMMARY.

The month was marked by drought, especially to the westward of the coastal counties, and but two previous Mays have had less average rainfall. Temperatures ranged somewhat below normal, although the weather was abnormally warm about the 26th.

Prolonged drought and occasional periods of cool weather have been generally unfavorable for satisfactory crop development. At the close of the month, the coastal plain and the central counties were about 3 inches short of normal rainfall since April 1, and rainfall was nearly 5 inches below normal in the Piedmont and northern counties. These conditions were reflected in very irregular germination of cotton, corn, and the lesser field crops, and in extensive areas of the northwestern counties many planters had not obtained stands at the close of the month, with no inducement to replant or plant other crops until ample moisture was in the soil. Cotton chopping began on the coastal plain during the second week, extending to the northern counties, as stands warranted. While winter cereals headed on short straw, the general output exceeded expectations. The white potato crop was cut short, and sweet potato transplanting was very backward. Planters had great difficulty in keeping young tobacco alive, and many resorted to watering. The situation was improved along the coast by copious to heavy rains about the 20th, and fair showers occurred in the central counties on the 27th and 28th. Native strawberries of fine quality were marketed during the month, which closed with early peaches on sale.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29 95 inches. The highest pressure was 30.34 inches at Due West on the 29th; the lowest pressure was 29.49 inches at Charlotte, N. C., on the 10th, and in the Section proper, 29.54 inches at Columbia on the 9th and at Greenville on the 10th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 38 stations, was 70.6°, or 0.4° below the normal The highest temperature was 103° at Camden and Cheraw on the 26th. The warm periods were from the 1st to 3d, 7th to 12th, and 24th to 27th, inclusive. The lowest temperature was 38° at Caesar's Head on the 16th. The cool periods were generally from the 4th to 6th, 15th and 16th, 20th and 21st, and 28th to 31st, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 69%; noon, 44%; 8 p. m., 56%. The highest percentages occurred along the coast, and the lowest, over the northwestern counties.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 1.06 inches, or 2.51 inches below the normal. Although ill-defined, there were four periods of showers, the bulk of the month's rainfall occurring from the 11th to the 16th and on the 20th to 21st. Just west of the coastal region, the monthly amounts were uniformly below 2 inches. The greatest local monthly amount was 3.54 inches at Garnett; least local monthly amount, Trace at Spartanburg. The greatest 24-hour amount at any station was 2.62 inches at Beaufort on the 20th and 21st. The number of rainy days averaged 38% below normal.

Damage by Lightning.—During a thunderstorm at Newberry at 11 p. m., 27th, lightning struck a large cotton mill, the resulting fire causing damage to equipment and stored cotton approximating $18,000.

A small tornado near Aynor, Horry County, during the late afternoon of the 11th caused about $1,000 damage to farm buildings, and uprooted some forest trees. No person was injured.

A severe hailstorm near Chesterfield during the night the 11-12th caused approximately $50,000 damage to young crops on about 6,000 acres of land. The path was about 6 1-2 miles wide and about 10 miles long, and some of the hailstones were about half the size of hen eggs.

A moderate hailstorm occurred at Central about noon on the 10th. The hailstones were about the size of marbles.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 8.2 miles. The highest average velocity was 12.5 miles per hour at Savannah, Ga.. and in the Section proper, 10.6 miles per hour at Charleston; the lowest average was 4.3 miles per hour at Charlotte, N. C., and in the Section proper, 7.2 miles per hour at Columbia. The highest velocity for any 5-minute period was 52 miles per hour from the northwest at Savannah, Ga., on the 10th, and in the Section proper, 40 miles per hour from the west at Greenville on the 9th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 anemometer records, was 336.5 hours, or 78% of the possible amount. The average number of clear days was 21; partly cloudy, 6, and cloudy, 4, as against normals of 15, 9, and 7 days, respectively.

MISCELLANEOUS DATA FOR MAY, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	29.95	63.0	86	38	2.37	1.00	6.9	nw.	74	40	53	68
Augusta, Ga.....	29.95	72.7	100	51	0.37	0.23	5.7	s.	70	47	52	81
Charleston, S. C...	29.96	72.6	95	53	2.33	2.13	10.6	sw.	72	63	74	84
Charlotte, N. C ...	29.93	69.9	96	46	2.40	1.06	4.3	sw.	69	41	52	76
Columbia, S. C....	29.94	72.6	100	50	0.60	0.30	7.2	sw.	65	36	40	78
Due West, S. C....	29.98	69.7	98	46	0.49	0.17	9.4	sw.	63	36	...	77
Greenville, S. C...	29.93	69.7	96	47	0.25	0.12	9.6	sw.	57	35	41	79
Savannah, Ga.....	29.96	73.1	98	53	2.67	2.03	12.5	w.	78	50	61	76
Wilmington, N. C.	29.94	68.8	93	45	3.37	2.52	8.0	sw.	73	49	72	83
Means and extremes	29.95	70.3	100	38	1.65	2.52	8 2	sw.	69	44	56	78

Climatological Data for May, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	45	72.7	−0.8	98	27	53	† 7	31	3.27	+0.12	2.62	0	5	25	5	1	nw.	Pathologist True's. Sup. Co.
Blackville	Barnwell	296	42	72.9	−0.4	101	26	47	5	41	1.81	−1.69	1.53	0	3	27	1	3	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	72.6	−0.1	95	27	53	16	26	2.33	−1.14	0.57	0	8	18	7	6	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	70.9	+0.2	103	26	42	6	54	0.54	−2.96	0.25	0	5	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	36	70.6	−0.3	97	25	43	6	45	1.42	−2.14	0.83	0	4	23	3	5	sw.	Paul Quattlebamm.
Darlington	Darlington	175	31	°71.4	+0.2	°100	26	°41	7	°48	0.56	−2.78	0.30	0	4	23	6	2	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	1.13	−2.40	0.70	0	5	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	73.1	+1.9	100	26	49	6	37	1.30	−2.87	0.58	0	4	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	44	73.8	+1.6	101	26	47	† 5	42	1.21	−2.49	0.20	0	6	24	3	4	sw.	H. K. Gilbert.
Florence 2	do	136	11	.....	.....	.....	.....	.....	.....	.....	0.91	−2.79	0.41	0	5	21	3	7	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	72.8	.....	100	†26	47	6	42	3.54	.....	2.00	0	8	20	8	3	.....	Maner B. Robert.
Georgetown	Georgetown	18	33	71.0	−1.2	99	26	44	7	44	2.20	−1.24	1.10	0	4	22	9	0	n.	A. P. Hazard.
Kingstree	Williamsburg	54	44	71.8	0.0	99	26	40	6	43	1.10	−2.09	0.60	0	5	26	0	5	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	1.00	.....	0.65	0	2	.....	.....	.....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	71.8	+1.5	100	26	44	6	41	1.29	−2.20	0.71	0	5	21	8	2	sw.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	79	68.7	−1.9	94	26	51	5	.....	2.42	−1.24	1.50	0	6	21	8	2	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	.....	1.52	−2.71	0.82	0	5	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. L. Utsey.
Society Hill	Darlington	192	35	69.8	−1.0	100	27	41	6	45	0.47	−2.83	0.15	0	6	26	3	2	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	.....	.....	.....	.....	ᵇ46	† 5	.....	1.48	−1.84	0.86	0	7	22	7	2	sw.	Dr. William Simons.
Wedgefield	Sumter	249	36	72.4	+1.2	100	26	46	6	40	1.24	−2.09	0.44	0	5	29	1	1	w.	W Hampton Ramsey
Yemassee	Hampton	24	37	71.4	−1.2	99	26	45	† 6	40	2.34	−1.16	1.57	0	6	21	2	8	sw.	W. C. Hutson.
Division means and	extremes	.....	....	71.6	−0.2	103	26	40	6	54	1.47	−2.02	2.62	0	5	23	4	4	sw.	
Western Portion.																				
Aiken	Aiken	527	64	73.2	+1.8	100	26	50	16	38	2.07	−1.39	1.73	0	3	19	8	4	sw.	Frank B. McCoy.
Anderson	Anderson	764	33	70.3	+0.4	99	26	42	16	45	0.60	−2.44	0.20	0	6	22	1	8	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	0.41	−2.46	0.35	0	3	.....	.....	.....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	ᵃ64.3	.....	ᵃ98	25	38	16	ᵃ44	0.73	.....	0.45	0	2	16	7	8	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	69.8	.....	102	26	44	† 5	43	0.20	−3.76	0.14	0	2	16	9	6	w.	L. M. Parker.
Camden	Kershaw	222	76	72.2	+2.7	103	26	45	6	44	0.52	−2.69	0.30	0	5	30	0	1	ne.	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	0.55	−3.15	0.37	0	2	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	0.30	−2.38	0.17	0	4	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	4	71.5	.....	100	26	45	1	45	1.06	.....	0.56	0	3	18	10	3	ne.	J. C. Cornwell.
Clemson College	Oconee	850	34	ʲ69.8	+0.9	ʲ97	26	ʲ48	†15	ʲ45	0.33	−3.28	0.13	0	7	.....	.....	.....	.....	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	72.6	+0.8	100	26	50	6	31	0.60	−2.59	0.30	0	6	18	10	3	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	12	69.7	−0.3	98	26	46	16	38	0.49	−3.55	0.17	0	7	15	11	5	sw.	U. S. W. B. Acrological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	0.15	−3.19	0.15	0	1	.....	.....	.....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	1.70	−1.48	1.07	0	7	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	69.7	+1.5	96	26	47	16	36	0.25	−4.06	0.12	0	4	16	11	4	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	70.8	−0.1	100	†26	45	5	40	0.23	−3.32	0.12	0	2	20	0	11	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	24	ᵐ69.2	−1.0	ᵐ96	†25	44	5	ᵐ42	0.38	−2.79	0.20	0	4	21	2	8	w	J. Marvin Bowers.
Kershaw	Kershaw	500	10	70.8	+1.7	100	26	44	† 5	48	0.44	−2.98	0.15	0	5	21	1	9	w.	John W. Hamel.
Landrum	Spartanburg	1063	11	66.2	−0.6	91	25	42	6	43	1.09	−4.27	0.52	0	3	20	10	1	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	ᵃ69.8	.....	ᵃ100	26	ᵃ43	6	ᵃ50	0.55	.....	0.16	0	8	19	10	2	w.	L. G. Roff.
Little Mountain	Newberry	711	33	71.5	−0.4	101	26	47	5	40	1.49	−1.43	0.92	0	2	20	6	5	w.	Miss Alberta Sease.
Newberry	Newberry	502	22	71.6	+0.4	101	26	45	6	44	1.23	−2.03	0.97	0	7	24	3	4	w	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	0.82	−2.92	0.56	0	4	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	70.0	−1.1	98	25	41	6	50	0.31	−2.51	0.08	0	6	20	9	2	sw.	W. S. Crout.
Santuck	Union	512	33	.....	.....	.....	.....	ᵃ39	6	.....	0.23	−2.83	0.09	0	5	22	6	3	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	ⁱ66.4	−3.0	96	27	ⁱ42	6	ⁱ46	T.	−4.09	T.	0	0	24	5	2	.....	M. H. Daniel.
Trenton	Edgefield	620	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	67.9	+0.6	98	26	41	4	51	0.82	−2.94	0.38	0	6	22	7	2	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	32	°68.4	−2.6	°100	26	°46	5	°39	0.75	−2.34	0.31	0	6	19	7	5	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	26	70.8	+0.7	100	27	44	6	44	1.58	−2.62	0.46	0	6	13	17	1	s.	W. T. Clawson.
Division means and	extremes	.....	....	69.9	−0.5	103	26	38	16	51	0.69	−2.70	1.07	0	4	19	9	3	sw.	
Section means and	extremes	.....	....	70.6	−0.4	103	26	38	16	54	1.06	−2.51	2.62	0	5	21	6	4	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (ᵃ, ᵇ, ᶜ), appearing in the table indicate number of days missing; for example, ᵇ represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

April, 1926.—Kershaw, prevailing wind direction, page 14, should be east. Summerville, mean temperature, page 14, should be 61.6, and mean minimum temperature, page 16, should be 48.5. Winnsboro, monthly maximum temperature and data, page 14, should be 84 on 30th.

Daily Precipitation for May, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort	Coast											.10	.24		.11						.20	2.62											3.27
Blackville ‖‖	Edisto				.03										.25							1.53											1.81
Charleston ***	Coast			.01								.01	.01	.06	.01	.10					1.91	.22											2.33
Cheraw ‖‖	Pee Dee				.12							T.	.25		.08		.06					T.						.03				0.54
Conway ‖‖	Waccamaw											T.			.09							.83	.40					.10				1.42
Darlington ‖‖	Pee Dee											T.	T.		.20	.03				.30								.03				0.56
Effingham ‖‖	Lynches				T.								T.		.15		.11					.70	.06					.11				1.13
Ferguson ‖‖	Santee				.14								T.	.03			T.				T.	.58	T.					.55				1.30
Florence 1 ‖‖	Pee Dee											.10	.03		.20		.02					.78						.08				1.21
Florence 2 ‖‖	do											.17			.15		.09					.41						.09				0.91
Barnett	Savannah			.03								.18	.17	.77	.03	.13					2.00	.23											3.54
Georgetown	Coast					.35						T.		T.		T.					1.10	.50						.25					2.20
Kingstree ‖‖	Black				.05										.10							.60	.10					.25				1.10
Mars Bluff	Pee Dee														.35							.65											1.00
Orangeburg	Edisto				.07							T.	T.		.06		.11				T.	.71						.34					1.29
Pinopolis	Cooper			60	T.							.20				.12					1.30	.10				.10							2.42
Rimini ‖‖	Santee											.08			.10		.12					.82						.40					1.52
St. George	Edisto																																
Society Hill ‖‖	Pee Dee				.15								.08		.08		.02					.05						.09					0.47
Summerville	Ashley			.02							.01	.05	.36		.08						.86							.10					1.48
Wedgefield	Wateree			.08							T.				.20	.10					.45								.44				1.24
Yemassee ‖‖	Ashepoo				.05							.02	.33		.32		.05					1.57											2.34
Western Portion.																																	
Aiken	Edisto													.03							.31								1.73				2.07
Anderson	Savannah											.05		.10		.08					.02							.15	.20				0.60
Blairs ‖‖	Broad											T			.02		.04												.35				0.41
Cesar's Head	Saluda			.28												.45																	0.73
Calhoun Falls ‖‖	Savannah											.06			.14		T.																	0.20
Camden ‖‖	Wateree				.30							.02		.08			.08						.04											0.52
Catawba ‖‖	Catawba										T.			.18				.37																0.55
Chappells ‖‖	Saluda				.05										.05		.03												.17					0.30
Chester	Broad									.56	.30					.20																		1.06
Clemson College	Savannah			.05							.13		.03		.05	.03					.01							.03						0.33
Columbia ***	Congaree			.03							.02	T.		.06		.18				T.	.01							T.	.30					0.60
Due West***	Savannah			.01							T.	.08		.16		.03				.03	.01							.17						0.49
Edgefield ‖‖	Savannah																				.15													0.15
Gaston Shoals ‖‖	Broad				.29					T.			.03	1.07	.03	.04	.19												.05					1.70
Greenville ***	Saluda			.01						T.	T.			.03		.09				T.	T.							.12						0.52
Greenwood ‖‖	do											.12			.11																			0.23
Heath Springs	Wateree			.04							.12					.20												.02						0.38
Kershaw ‖‖	Lynches				.07							.12			.07		.15					T.							.03					0.44
Landrum	Broad														.25	.52													.32					1.09
Laurens	Saluda			.16							.01			.14	.07	.05	.01				.04								.07					0.55
Little Mountain	Saluda			.57							T																		.92					1.49
Newberry	Saluda			T.	.03						.06	.02		.05	.03	.07						T.							.97					1.23
Pelzer ‖‖	do				T.							.56			.10		.10					T.							.06					0.82
Saluda	do			.02							.08	T		.01	.05	.08													.07					0.31
Santuck	Broad			T.						T.	.03			.07	.02	.08					.03							T.						0.23
Spartanburg ‖‖	do										T.																							T.
Trenton	Edisto																																	
Walhalla	Savannah			.10								.38		.06		.13					.03								.12					0.82
Winnsboro ‖‖	Broad				.10							.31			.08		.13				.05								.08					0.75
Winthrop College	Catawba											.25	.09	.12	.21								.45		.46									1.58

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MAY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.5	97	41	3.17	10				
1888	70.2	99	33	7.51	11				
1889	71.7	101	35	1.97	5				nw.
1890	71.0	95	30	5.44	10				sw.
1891	69.0	100	36	3.57					ne.
1892	71.1	94	39	3.53					
1893	70.2	97	38	4.13	9	13	9	9	sw.
1894	70.7	98	38	3.43	9	10	16	5	sw.
1895	69.0	101	34	4.36	9	11	12	8	sw.
1896	76.7	104	42	2.74	8	14	13	4	sw.
1897	69.3	97	38	2.39	6	18	8	5	sw.
1898	73.8	106	39	1.35	5	18	10	3	sw.
1899	73.7	100	45	1.68	5	15	10	6	sw.
1900	70.2	96	38	2.37	5	19	7	5	sw.
1901	71.4	99	40	7.31	11	13	10	8	sw.
1902	74.0	101	42	2.69	8	15	10	6	sw.
1903	70.7	104	44	2.69	9	12	9	10	ne.
1904	70.6	99	38	2.04	7	18	8	5	s.
1905	73.4	99	42	5.70	13	12	9	10	sw.
1906	70.7	99	30	3.00	7	17	6	8	sw.
1907	70.8	96	41	4.51	10	11	12	8	nw.
1908	71.8	96	36	2.92	7	16	11	4	sw.
1909	69.5	100	35	4.26	8	14	12	5	sw.
1910	69.8	99	40	4.03	8	15	10	6	sw.
1911	72.6	106	35	0.65	3	20	8	3	ne.
1912	72.4	101	43	4.08	9	16	6	9	sw.
1913	71.7	101	38	2.13	6	19	6	6	sw.
1914	72.1	105	42	0.83	3	18	10	3	sw.
1915	73.0	98	46	7.20	11	11	11	9	w.
1916	73.8	103	42	2.44	5	20	7	4	sw.
1917	66.3	98	31	3.09	7	18	7	6	w.
1918	72.6	100	31	3.48	7	19	8	4	sw.
1919	71.0	96	42	5.23	11	12	11	8	s.
1920	67.6	94	42	1.77	6	16	9	6	ne.
1921	68.1	98	36	5.30	10	12	10	9	ne.
1922	71.0	98	38	5.89	12	12	8	11	se.
1923	68.0	94	31	6.44	12	12	7	12	e.
1924	68.0	96	33	4.43	9	17	7	7	w.
1925	68.3	100	33	2.18	6	19	7	5	w.
1926	70.6	103	38	1.06	5	21	6	4	sw.
Period	71.0	106	30	3.57	8	15	9	7	sw.

Daily Temperatures for May, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	88	77	84	75	72	74	80	82	92	93	81	87	79	82	83	80	88	86	83	69	79	84	90	85	93	97	98	73	78	80	81	83.0
	Minimum	55	60	64	64	57	55	53	60	63	68	65	69	65	58	63	53	61	62	62	64	59	60	68	67	69	68	70	67	63	62	61	62.4
Blackville	Maximum	90	92	89	77	83	86	86	89	95	89	89	85	82	84	78	83	92	92	90	73	83	88	93	96	100	101	100	80	81	87	90	87.7
	Minimum	54	58	59	55	47	51	59	59	61	65	65	60	60	55	57	50	53	51	60	60	57	59	63	61	64	64	61	60	57	56	60	58.1
Charleston	Maximum	84	79	82	71	68	68	80	82	91	92	86	89	80	80	83	79	88	87	82	74	74	84	87	77	92	93	95	73	74	76	82	81.7
	Minimum	60	62	66	62	56	56	56	62	66	70	68	71	63	60	59	53	62	65	68	65	59	66	70	66	70	71	70	64	60	60	64	63.5
Cheraw§§	Maximum	93	92	85	78	77	84	88	91	92	92	78	74	80	83	81	79	92	92	89	70	82	92	88	95	102	103	91	82	81	81	91	86.4
	Minimum	49	52	62	57	43	42	47	58	57	59	60	58	53	54	53	46	57	56	60	66	58	55	58	48	63	62	65	58	50	51	60	55.4
Conway	Maximum	80	80	85	78	74	79	86	89	90	93	82	89	91	83	85	78	90	89	87	76	72	85	87	87	96	97	91	79	80	83	82	84.6
	Minimum	50	50	56	57	45	43	45	55	59	57	68	62	57	66	59	51	53	59	61	65	53	54	65	51	66	67	66	59	49	50	54	56.5
Darlington§§	Maximum	92	92	90	85	78	76	89	89	....	93	81	85	81	81	90	89	86	72	79	86	.....	.....	87	91	98	100	91	83	80	83	89	[c]86.3
	Minimum	50	50	56	63	58	44	41	48	61	....	64	60	54	56	49	57	60	67	55	54	64	....	....	59	61	64	65	57	51	50	60	[c]56.4
Ferguson§§	Maximum	83	82	85	83	79	78	84	90	91	93	86	89	81	83	83	78	88	80	81	72	79	87	88	93	97	100	99	77	80	86	90	85.3
	Minimum	53	60	59	63	52	49	52	60	62	64	70	68	60	56	58	52	53	60	60	67	60	60	59	70	67	69	71	62	63	63	65	60.9
Florence I	Maximum	94	94	88	81	84	86	94	90	92	94	84	84	80	81	83	79	92	93	89	72	83	87	90	97	100	101	96	89	87	90	91	88.5
	Minimum	56	57	63	59	47	47	53	62	62	63	66	61	59	56	60	50	60	60	62	67	55	56	65	55	63	69	67	60	53	54	61	59.0
Garnett	Maximum	91	91	89	83	79	82	82	86	94	97	87	87	80	81	82	82	90	90	89	77	80	87	89	94	97	100	100	86	84	87	90	87.5
	Minimum	49	53	60	60	52	47	50	53	60	66	63	65	62	54	56	52	53	52	57	63	59	59	63	62	64	63	70	64	61	54	54	58.1
Georgetown	Maximum	89	77	87	85	77	74	75	88	76	91	88	90	83	86	82	89	91	90	80	76	71	84	90	89	97	99	92	80	78	80	85	84.5
	Minimum	51	52	61	61	50	47	44	46	68	61	67	63	59	61	61	49	56	61	53	55	55	57	66	58	66	64	70	59	50	52	56	57.4
Kingstree	Maximum	87	86	85	80	76	81	82	86	92	95	88	88	83	82	82	80	92	90	87	80	75	85	88	91	96	99	97	90	80	83	87	86.2
	Minimum	50	53	52	60	50	40	47	58	60	60	66	65	57	53	59	52	57	55	61	64	55	59	64	53	66	69	70	60	53	53	57	57.4
Orangeburg 1	Maximum	90	90	86	79	74	79	84	88	91	93	86	86	82	82	82	81	89	90	87	84	79	86	88	92	97	100	98	92	79	83	90	86.7
	Minimum	49	52	61	58	52	44	47	55	58	64	67	65	57	52	54	49	52	54	56	63	57	58	62	56	62	64	70	61	56	55	58	57.0
St. George	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Society Hill§§	Maximum	92	90	85	77	74	80	85	89	91	93	81	78	81	82	82	77	90	90	87	71	80	88	85	92	98	100	91	71	79	78	91	84.8
	Minimum	50	52	63	57	45	41	45	52	61	61	62	58	53	54	48	47	55	61	61	61	56	55	57	48	53	62	62	58	51	49	59	54.7
Summerville	Maximum	82	85	76	76	76	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	52	57	....	50	46	46	55	55	55	65	65	60	55	60	57	52	55	60	64	57	60	67	60	63	64	66	61	54	53	54	....	[b]57.5
Wedgefield	Maximum	90	89	87	78	75	80	87	88	90	94	88	85	78	80	80	82	89	89	85	80	80	85	88	92	97	100	97	82	82	87	90	86.3
	Minimum	54	58	62	56	51	46	52	58	62	62	64	60	57	56	58	50	54	61	62	62	56	60	63	57	65	67	68	59	54	55	62	58.4
Yemassee	Maximum	88	87	86	81	76	79	81	84	91	94	86	86	82	81	81	81	88	88	85	77	80	85	91	91	95	99	99	81	82	83	88	85.7
	Minimum	48	54	50	59	50	45	45	53	59	66	63	65	61	53	55	51	55	52	59	63	58	58	64	60	64	65	70	63	58	51	52	57.1
Western Portion.																																	
Aiken	Maximum	88	87	83	78	74	79	80	87	91	93	89	84	80	78	76	81	88	87	84	81	80	86	94	92	96	100	98	93	79	84	90	85.8
	Minimum	53	57	66	61	55	52	55	59	63	67	65	69	66	57	54	50	68	63	59	61	56	59	64	61	66	67	61	59	61	62	62	60.5
Anderson	Maximum	83	90	87	80	83	83	82	86	89	88	82	80	79	78	66	83	87	87	82	76	82	86	88	91	97	99	96	76	79	87	89	84.5
	Minimum	56	57	62	50	50	51	50	52	61	63	61	57	57	52	52	42	55	58	59	60	52	59	57	57	61	64	68	59	60	62	64	57.0
Caesar's Head	Maximum	80	78	72	69	68	72	76	81	82	80	71	72	71	70	56	60	75	80	78	65	73	82	77	83	98	91	86	64	78	80	....	[a]75.6
	Minimum	57	60	54	44	43	47	57	59	59	58	58	51	49	46	50	38	44	56	56	52	50	55	49	54	54	67	68	49	50	51	58	53.0
Calhoun Falls§§	Maximum	91	88	82	81	79	85	84	89	92	90	85	82	76	81	71	85	89	90	86	75	86	90	96	93	101	102	101	77	83	90	93	86.9
	Minimum	46	49	49	52	44	44	45	52	56	58	58	54	53	52	53	45	48	50	51	56	48	52	57	52	56	62	62	58	58	59	59	52.8
Camden§§	Maximum	88	88	90	84	82	85	88	91	90	95	93	95	82	83	80	81	92	90	88	76	85	88	90	94	101	103	94	88	88	98	90	89.0
	Minimum	54	52	58	57	49	45	50	61	55	54	55	62	60	55	53	50	53	52	55	63	57	52	57	50	59	62	62	54	55	54	62	55.4
Chester	Maximum	90	89	88	86	85	85	86	87	88	88	88	87	86	84	80	79	79	80	89	89	88	89	85	98	98	100	95	86	86	86	92	87.6
	Minimum	45	56	55	50	50	51	52	60	60	58	58	58	56	52	52	50	50	55	56	55	52	50	61	51	58	61	65	56	60	60	65	55.4
Clemson College	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87	81	77	78	78	80	86	86	85	75	80	87	87	90	95	97	95	95	76	86	89	[b]85.2
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64	55	52	51	48	48	52	50	55	56	49	49	51	50	52	56	59	60	61	59	64	[b]54.3
Columbia	Maximum	89	88	82	76	73	80	83	86	88	90	83	82	76	78	76	80	87	87	84	75	82	87	88	92	98	100	95	77	79	83	89	84.3
	Minimum	59	61	65	60	52	50	56	62	63	64	67	64	60	58	54	55	60	61	63	62	58	62	65	61	68	71	64	60	57	58	64	60.8
Due West	Maximum	86	86	79	76	74	79	81	83	89	88	82	79	75	77	67	80	86	87	82	69	81	86	86	91	97	98	96	77	80	87	89	83.0
	Minimum	54	54	64	54	50	49	52	58	57	62	61	56	56	52	50	46	54	54	58	58	52	54	57	57	59	64	61	59	60	62	64	56.4
Greenville	Maximum	86	83	77	75	72	79	83	84	86	86	81	79	74	77	62	79	84	84	81	70	80	85	82	90	95	96	94	73	78	85	86	81.5
	Minimum	61	58	64	53	50	53	54	58	61	62	62	58	54	52	48	47	56	58	59	60	53	57	61	61	65	69	58	58	58	62	66	57.9
Greenwood	Maximum	83	81	84	79	80	78	83	81	82	86	81	83	80	74	79	76	82	87	87	84	71	86	87	91	93	100	100	98	83	83	98	84.5
	Minimum	56	59	63	52	45	46	53	59	60	63	61	56	56	54	53	47	57	58	60	62	50	56	58	53	60	65	64	59	59	59	63	57.0
Heath Springs	Maximum	89	88	79	73	70	78	.	....	87	....	76	74	.....	.....	...	75	.....	...	81	76	79	86	82	...	96	96	90	.....	.....	.....	.....	[m]81 9
	Minimum	47	58	62	54	44	45	55	56	62	61	61	58	53	54	54	47	60	61	62	64	53	54	61	54	54	69	63	56	53	53	63	56.5
Kershaw	Maximum	90	89	83	75	75	81	87	88	89	91	80	76	80	80	78	78	89	89	86	72	81	85	85	92	98	100	94	82	81	86	91	84.9
	Minimum	55	58	61	54	44	44	53	60	60	62	59	54	54	54	47	61	61	60	65	54	53	60	50	62	65	64	57	53	53	53	62	56.7
Landrum	Maximum	79	81	81	70	76	66	75	75	73	74	74	66	66	63	63	75	82	83	83	79	80	83	69	89	91	88	88	78	76	79	83	77.0
	Minimum	53	49	63	52	45	42	50	59	67	59	62	56	45	50	47	48	51	58	59	62	49	50	61	48	67	64	63	59	57	56	66	55.5
Laureus	Maximum	91	89	82	76	74	81	86	87	91	90	86	81	81	80	73	81	90	90	85	76	81	89	88	93	99	100	98	79	80	89	....	[a]85.5
	Minimum	48	49	65	55	47	43	50	50	56	60	64	56	54	53	50	46	55	53	58	62	51	48	52	49	55	56	61	59	61	56	....	[a]54.1
Little Mountain	Maximum	89	91	85	76	74	77	84	86	90	89	84	80	70	80	75	72	89	89	87	85	83	88	86	94	100	101	98	77	80	86	87	84.9
	Minimum	57	62	62	55	47	49	52	58	61	60	58	58	56	54	56	47	60	59	57	55	63	57	59	60	65	75	70	57	55	56	60	58.1
Newberry	Maximum	90	88	82	77	75	82	84	86	91	90	85	81	79	80	75	81	89	89	85	78	84	88	90	94	99	101	98	87	81	88	90	86.0
	Minimum	52	54	64	56	47	45	53	54	58	59	64	57	57	54	53	48	56	55	61	63	53	54	62	55	62	63	69	62	59	59	65	57.2
Saluda	Maximum	89	89	83	79	76	80	84	85	91	92	86	84	81	81	79	82	89	90	88	84	85	85	84	94	98	97	97	95	79	78	84	86.1
	Minimum	49	50	63	53	42	41	48	54	60	59	63	58	55	52	48	48	48	53	58	61	53	50	53	48	60	61	60	60	56	53	53	53.9
Santuck	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	45	46	61	52	40	39	45	53	53	52	....	55	53	50	46	49	55	51	58	62	47	44	56	43	54	54	59	59	59	63	55	[a]52.2
Spartanburg	Maximum	82	80	78	70	80	80	80	78	76	84	85	75	77	78	76	78	78	82	83	76	80	85	82	85	90	95	96	90	80	88	90	81.8
	Minimum	....	....	....	....	45	42	48	50	52	50	53	56	50	50	43	....	52	....	....	...	48	47	54	45	....	52	54	56	58	56	61	[b]51.0
Trenton	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Walhalla	Maximum	87	86	81	79	78	81	84	86	89	87	83	81	76	81	68	82	86	86	84	73	82	88	88	91	97	98	97	84	77	88	89	84.4
	Minimum	49	45	59	41	49	44	48	49	59	54	53	53	49	47	45	45	47	49	52	58	48	52	46	46	56	57	57	59	59	57	61	51.4
Winnsboro§§	Maximum	90	89	82	75	75	81	88	87	90	89	84	79	78	79	77	79	90	88	90	74	83	....	....	.....	.....	99	100	96	80	81	85	[d]81.7
	Minimum	55	58	63	55	46	49	53	59	61	62	63	57	56	54	56	49	56	58	62	63	53	56	...	.....	.....	.....	65	64	57	55	56	[d]55.0
Winthrop College	Maximum	89	89	88	75	83	82	88	90	88	89	90	89	71	80	75	77	89	89	85	81	87	89	88	89	92	95	100	82	80	[a]8	91	86.1
	Minimum	48	58	60	52	50	44	52	55	59	60	57	57	55	54	52	47	56	57	61	62	50	53	55	53	58	60	60	58	54	56	63	55. 1

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 6-25-26—900

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., JUNE, 1926. No. 6.

GENERAL SUMMARY.

While precipitation averaged somewhat below normal, there was an abundance on most of the coastal plain, with marked deficiencies in the Piedmont and northern counties generally. Severe local storms were singularly absent. The temperature likewise averaged somewhat below normal.

Droughty conditions up-State were attended by slow and very irregular germination of cotton, corn, and other field crops until the last decade, when drenching rains in most sections materially improved the situation; in other portions of the State the rainfall was generally ample during the last half of the month, and crops responded accordingly. Cotton chopping continued up-State at the close of the month, with the season there from two to three weeks late. The first cotton bloom was observed at Springfield on the 14th. The dry weather west of the coastal region greatly retarded sweet potato transplanting, but soil-moisture conditions later improved. The white potato output was disappointing, incident to drought, except along the lower coast. The winter grain harvests were practically finished during the third week, with results above expectations. Stubble lands were then turned to late corn and forage. Tobacco also showed the effect of drought in irregular development, and the condition was fair only. The strawberry season closed during the early part of the month, and peach shipments were on the increase; blackberries were plentiful, and tomato, cucumber and other vegetable crops were being harvested at the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29.95 inches. The highest pressure was 30.21 inches at Due West on the 21st; the lowest pressure was 29.71 inches at Greenville on the 6th and at Asheville, N. C., on the 14th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 38 stations, was 77.2°, or 0.4° below the normal The highest temperature was 103° at Blackville on the 9th and 13th. The warm periods were on the 2d and 3d and from the 8th to 15th, inclusive. The lowest temperature was 46° at Walhalla on the 6th. The cool periods were from the 4th to 6th, 17th to 21st, and on the 27th and 28th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 77%; noon, 57%; 8 p. m., 69%. The highest percentages occurred in the lower Savannah drainage basin and along the lower coast, and the lowest, over the northwestern counties.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 4.41 inches, or 0.38 inch below the normal. Precipitation was very unevenly distributed in area and amounts. The rainfall ranged from 5 to nearly 11 inches on the greater part of the coastal plain and was generally light in large areas of the northern and northwestern counties, where the measurements ranged downward from 4 inches to less than 1 inch (southeastern York County). The greatest local monthly amount was 10.72 inches at Garnett, and the least local monthly amount was 0.90 inch at Catawba. The greatest amount during any 24 hours was 5.34 inches at Florence No. 1 on the 27-28th. The number of rainy days averaged 11% below normal.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 7.5 miles. The highest average velocity was 9.9 miles per hour at Savannah, Ga., and in the Section proper, 9.2 miles per hour at Charleston; the lowest average was 4.2 miles per hour at Charlotte, N. C., and in the Section proper, 7.0 miles per hour at Columbia. The highest velocity for any 5-minute period was 40 miles per hour from the northwest at Due West on the 23d, and at Asheville, N. C., on the 8th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 278.9 hours, or 64% of the possible amount. The average number of clear days was 11; partly cloudy, 7, and cloudy, 12, as against normals of 13, 11, and 6 days, respectively.

RIVER CONDITIONS.

The rivers of the Section were unusually low throughout the month incident to prolonged dry weather up-State. The Congaree River at Columbia and the Pee Dee River at Cheraw were below zero of the gage on numerous dates.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Greenville, 23. *Solar:* Columbia, 25; Due West, 1, 2, 3, 8, 14, 26; Santuck, 17.

ERRATA.

May, 1926.—Society Hill, date of highest temperature, page 18, should be 26.

MISCELLANEOUS DATA FOR JUNE, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	29.96	68.0	87	43	1.85	0.63	6.5	n.	85	52	64	57
Augusta, Ga.....	29.95	79.2	100	57	7.41	3.10	5.1	s.	78	56	70	70
Charleston, S. C...	29.96	78.6	96	60	5.65	2.91	9.2	sw.	79	72	82	73
Charlotte, N. C ...	29.94	75.4	98	52	3.29	1.21	4.2	ne.	71	52	58	64
Columbia, S. C....	29.94	78.0	99	55	2.47	0.52	7.0	sw.	76	50	63	62
Due West, S. C....	29.98	76.2	99	53	2.47	0.76	8.7	sw.	74	50	....	62
Greenville, S. C...	29.94	75.3	94	54	1.86	0.54	8.7	ne.	68	50	55	61
Savannah, Ga.....	29.96	78.9	94	60	9.11	3.15	9.9	sw.	83	64	78	60
Wilmington, N. C.	29.95	76.0	96	56	4.60	1.83	7.9	sw.	82	63	82	71
Means and extremes	29.95	76.2	100	43	4.30	3.15	7.5	sw.	77	57	69	64

Climatological Data for June, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit on (0.01 in. or more).	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	
Eastern Portion.																				
Beaufort	Beaufort	21	45	78.6	−0.4	94	†13	60	6	23	8.31	+2.91	2.38	0	8	17	11	2	nw.	Pathologist True's. Sup. Co.
Blackville	Barnwell	296	42	78.7	−0.6	103	† 9	56	6	42	7.40	+1.76	1.76	0	11	19	5	6	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	78.6	−0.3	96	13	60	6	19	5.65	−0.31	2.91	0	10	10	12	8	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	77.0	−0.2	102	13	51	21	43	3.10	−2.15	1.16	0	8	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	36	77.8	+1.0	98	8	53	7	45	4.81	−0.06	2.45	0	9	15	3	12	sw.	Paul Quattlebaum.
Darlington††	Darlington	175	31	[a]78.2	+1.4	[a]101	13	55	6	36	4.55	−1.04	2.30	0	8	21	1	8	.....	D. C. McCall.
Ellingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	5.46	−0.40	1.85	0	9	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	77.0	0.0	101	10	59	7	35	5.55	−0.11	1.03	0	13	...	....	....	... ..	Henry C. Savage.
Florence 1	Florence	136	44	[c]80.9	+2.5	[c]101	†13	56	8	[c]44	9.21	+3.94	5.34	0	8	19	2	9	sw.	H. K. Gilbert.
Florence 2	.....do	136	11	.....	.....	.....	.....	.....	.....	.....	6.20	+0.93	2.50	0	8	17	3	10	nc.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	79.2	.....	100	3	60	6	38	10.72	.....	2.45	0	13	14	11	5	.....	Maner B. Robert.
Georgetown	Georgetown	18	33	78.1	−0.3	100	13	55	6	39	4.58	−0.99	1.30	0	11	16	9	5	nc.	A. P. Hazard.
Kingstree	Williamsburg	54	44	78.0	0.0	97	† 3	57	† 6	40	6.50	+1.34	2.40	0	12	20	0	10	e.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	4.80	.....	1.90	0	4	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	78.4	−0.5	98	3	56	6	34	3.94	−0.55	1.59	0	11	12	13	5	sw.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	79	75.5	+0.6	94	13	60	† 6	... .	9.19	+3.46	4.00	0	10	15	5	10	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	.....	7.93	+3.94	2.07	0	9	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	.....	R. L. Utsey.
Society Hill	Darlington	192	35	76.6	−0.3	102	13	54	6	37	3.12	−2.32	1.25	0	10	20	4	6	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	[b]77.2	−0.1	[b]96	13	[b]57	6	[b]34	6.13	+0.37	2.75	0	7	17	5	8	sw.	Dr. William Simons.
Wedgefield	Sumter	249	36	77.8	+0.6	100	12	55	6	44	4.84	−0.05	1.70	0	8	18	9	3	w.	W Hampton Ramsey
Yemassee	Hampton	24	37	78.1	−0.8	97	9	58	6	33	10.37	+4.38	3.37	0	9	16	1	13	sw.	W. C. Hutson.
Division means and	extremes	.....	....	78.0	+0.3	103	† 9	51	21	44	6.39	+0.93	5.34	0	9	16	7	7	sw.	
Western Portion.																				
Aiken	Aiken	527	64	78.1	+0.5	100	11	57	6	34	6.56	+0.82	2.91	0	8	10	1	19	sw.	Frank B. McCoy.
Anderson	Anderson	764	33	76.8	+1.2	98	12	54	6	39	3.24	−0.51	1.30	0	8	17	0	13	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	1.85	−2.62	0.61	0	7	....	....	....	....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	[a]68.4	.....	[a]91	†10	51	6	[a]32	1.88	.....	0.76	0	4	8	6	16	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	77.1	.....	102	13	53	† 5	41	2.35	−2.28	0.63	0	9	15	8	7	s.	L. M. Parker.
Camden	Kershaw	222	76	[b]78.4	+0.7	[b]102	12	56	6	[b]38	2.62	−1.86	0.55	0	9	23	0	7	sw.	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	....	.....	.....	.....	0.90	−4.00	0.55	0	5	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	3.57	−0.50	2.05	0	9	....	....	....	.....	George V. Clamp.
Chester	Chester	487	4	79.2	.....	100	†12	56	20	39	3.31	.....	1.01	0	4	20	3	7	ne.	J. C. Cornwell.
Clemson College	Oconee	850	34	[a]75.8	+0.5	[a]96	† 8	[b]57	25	[a]34	4.45	−0.73	1.39	0	8	17	8	5	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	78.0	− 0.1	99	12	55	6	29	2.47	−1.71	0.52	0	13	6	17	7	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	12	76.2	−0.3	99	12	53	6	31	2.47	−1.59	0.76	0	14	3	21	6	sw.	U. S. W. B. Aerological Sta
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	5.15	−1.55	2.00	0	6	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ‡‡	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	2.31	0.00	1.51	0	8	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	75.3	+1.2	94	3	54	.6	27	1.86	−3.23	0.54	0	11	8	15	7	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	77.6	+0.2	100	13	52	6	36	2.06	−2.50	1.03	0	8	17	0	13	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	24	75.8	−0.6	98	†12	52	6	38	4.03	−1.17	1.75	0	8	8	10	12	w	J. Marvin Bowers.
Kershaw	Kershaw	500	10	77.1	−0.6	101	†12	52	6	43	3.25	−1.93	1.02	0	9	19	1	10	w.	John W. Hamel.
Landrum	Spartanburg	1063	11	71.6	−0.2	98	12	48	6	40	2.83	−2.34	1.35	0	7	18	6	6	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	77.0	.....	102	12	51	6	40	2.53	.....	1.64	0	7	16	11	3	w	L. G. Roff.
Little Mountain	Newberry	711	33	78.8	+1.0	102	12	52	6	41	2.64	−1.62	0.82	0	8	13	10	7	w.	Miss Alberta Sease.
Newberry	Newberry	502	22	78.4	+0.2	100	12	53	6	36	3.67	−0.55	0.83	0	9	11	12	7	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	4.44	+0.19	1.30	0	10	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	78.4	+0.9	100	13	53	6	40	2.27	−2.72	0.62	0	9	10	16	4	s.	W. S. Crout.
Santuck	Union	512	33	.....	.....	.....	.....	48	6	.....	3.97	−0.09	3.63	0	7	15	11	4	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	75.9	−0.1	100	13	55	7	40	1.58	−3.10	0.60	0	8	15	9	6	.....	M. H. Daniel.
Trenton	Edgefield	620	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	73.5	−1.2	99	12	46	6	40	4.28	−1.01	1.31	0	13	13	12	5	sw.	H. W. Brandt.
Winnsboro	Fairfield	515	32	[b]77.4	+0.7	[b]101	12	[b]52	6	[b]35	2.66	−1.63	1.24	0	9	12	12	6	ne.	Rev. Oliver Johnson.
Winthrop College ‡‡	York	690	26	77.2	+1.1	100	†12	52	6	46	3.10	−2.04	2.40	0	6	8	18	4	nw.	W. T. Clawson.
Division means and	extremes	.....	....	76.6	−0.1	102	†12	46	6	46	3.04	−1.57	3.63	0	8	13	9	8	w.	
Section means and	extremes	.....	....	77.2	−0.4	103	† 9	46	6	46	4.41	−0.38	5.34	0	8	11	7	12	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for June, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort	Coast					1.62	1.42				.21							1.76		.26	2.38	.80			.80				1.05	.03			8.31
Blackville ‖‖	Edisto				.25	.38	.33													.17	1.20	.80			.40				1.60	.10			7.40
Charleston ***	Coast				.87	1.02	.11			T	T.						.02				.10			.01		T.	1.58	1.73	.04			5.65
Cheraw ‖‖	Pee Dee					.21	.05			T.				.25							1.16	.51			.43			.28	.21				3.10
Conway ‖‖	Waccamaw					.94	.56				.09			.03				T.			.19			.10					.45	.30	.15		4.81
Darlington ‖‖	Pee Dee					.44	.10							.08		T.					2.30	.38			.04				1.16	.05			4.55
Effingham ‖‖	Lynches					.77	.15				.28										1.85	.27			.05				1.33	.69	.07		5.46
Ferguson ‖‖	Santee					.88	.17				1.01		.02		.06		.14	.08			1.03	.87	T.		.37				.41	.48	.03		5.55
Florence 1 ‖‖	Pee Dee										.02										2.98	.26	.02	.14	.12				5.34	.33			9.21
Florence 2 ‖‖	do					.67	.13														2.50	.40	.03	.07					2.15	.25			6.20
Garnett	Savannah				.76	2.10	.15				.34						.02	.03		T.	.90			2.45			1.98	.18	1.65	.09	.07		10.72
Georgetown	Coast			.30	.30	.30	.87									.20		.20		.25	.18	.25							.43	1.30	T.		4.58
Kingstree ‖‖	Black					.90	.20				.35		.40				.15	.22			2.40	.65		.37	.06				.25	.55			6.50
Mars Bluff	Pee Dee					.45															1.90	.35						2.10				4.80
Orangeburg	Edisto					1.59	.21				.03					.05	.05	.02			1.28	.02			.14			T.	.43	.12	T.		3.94
Pinopolis	Cooper				1.00	.10				.52										1.80	.25	.10	.70	.10			4.00	.62				9.19
Rimini ‖‖	Santee					1.27	.40				.70		.16	.20	1.60						1.53								1.87	.20			7.93
St. George	Edisto																				.19	1.25			.09			.08	.64	.15			3.12
Society Hill ‖‖	Pee Dee					.48	.05								.15		.04				.55			.15				2.75			.34		6.13
Summerville	Ashley					1.10				.35						.60												1.70	T.				4.84
Wedgefield	Wateree				.25	.13							.60	.37	.18					.58	1.03								1.14	.03			10.37
Yemassee ‖‖	Ashepoo					1.02	3.37				.46							.92			2.00	.26			1.17								
Western Portion.																																	
Aiken	Edisto					.59								.79	.55	.11	.05				2.91				.79				.77				6.56
Anderson	Savannah	.02			.03										.40	.17				1.30			.36					.91		.05		3.24
Blairs ‖‖	Broad				.07	T.					.61										.56	.18			.14				.66	.23	T.		3.85
Caesar's Head	Saluda													.25						.29					.76				.58				1 88
Calhoun Falls ‖‖	Savannah					.63					.12			.19		.11		.22			.04	T.		.40	.25			T.		.39			2.35
Camden ‖‖	Wateree					.30	.12				.55										.48	.17		.10	.20				.36	.34			2.62
Catawba ‖‖	Catawba										.05										.55	.20			.05			.05					0.90
Chappells ‖‖	Saluda					.22	.03				.11						T.		1.00	1.01	2.05	.02			.39			.63	.09	.03			3.57
Chester	Broad																							.50				.80					3.31
Clemson College	Savannah	T			.01					.79					1.39	.18		.85					.25	.06				.92					4.45
Columbia ***	Congaree	T.			.16	.15	T			.03			.10	.04	T.	.03				.23	.32	.04	.47	.38				.35	.17				2.47
Due West***	Savannah	T		T.	.04	T.				.21			T.	.21	.11	.08	.58	.18	.03	.21	.09		.13	.23				.33		.04			2.47
Edgefield ‖‖	Savannah					.95									.40						2.00				.65			.20	.95				5.15
Gaston Shoals ‖‖	Broad				T.										.08	.05		.30		.26	1.25	.08			.26				.03				2.31
Greenville ***	Saluda	T.			T.	.02			T	.01				T.	.51	.02		.35	T	.06	.04	.01	.54	.01				.29					1.86
Greenwood ‖‖	do					.30	.03									.14					1.03	.03			.30			.18	.05				2.06
Heath Springs	Wateree				.30	.02				.02								.02		.27	.50			1.75				1.15					4.03
Kershaw ‖‖	Lynches				.11	.25	.04		T.				T.	1.35		.11		.03			.31	.47			.70			1.02	.32				2.25
Lauhrun	Broad																			.14	.12			.81			.18	.12					2.83
Laurens	Saluda				T.	T.				.09				T.	.33			.04		1.64	.30	T.	T.	.02				.11					2.53
Little Mountain	Saluda	T.								.05				.18					.82	.28	.41			.48				.16	.26				2.64
Newberry	Saluda				.06	.27				.40										.83	.67			.65			.36	.20	.23	T.			3.67
Pelzer ‖‖	do				T.	T.	.06				.02					1.30		.42	T.	.52	1.20	.06			.22			.52	.12				4.44
Saluda	do				.06	.05					T.		T.		.01	.10				.62	.30				.52			.48	.13				2.27
Santuck	Broad	T.			.02	T.				.11								T.		2.51	1.12	.02		.08				.11	T.				3.97
Spartanburg ‖‖	do				T.					.23					.04			.22		.30	.60		.07	.07				.05					1.58
Trenton	Edisto																																
Walhalla	Savannah				.06	.15								.64	1.31	.27		.06	.64	.02	.02			.77	.06			.26		.02			4.28
Winnsboro ‖‖	Broad					.26					.10				.01	.10					1.24	.40			.24				.26	.05			2.66
Winthrop College	Catawba													.13				.35		.07	2.40	.05		.10									3.10

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.9	107	44	3.53	8				
1888	78.1	102	51	2.73	7				sw.
1889	74.4	99	39	5.10	10				se.
1890	80.9	103	56	2.41	8				sw.
1891	79.3			3.20					
1892	75.1	99	53	5.25					sw.
1893	76.5	96	53	7.64	12	10	11	9	se.
1894	77.0	105	41	3.91	8	13	12	5	sw.
1895	78.2	105	50	3.04	8	13	13	4	sw.
1896	77.9	102	52	5.42	12	11	12	7	sw.
1897	79.2	103	49	5.44	12	10	13	7	sw.
1898	79.7	105	55	4.15	8	17	10	3	sw.
1899	79.4	105	48	3.89	8	14	10	6	sw.
1900	76.2	97	52	7.94	14	4	15	11	sw.
1901	76.7	102	48	6.55	12	9	12	9	sw.
1902	78.5	105	52	4.48	9	15	10	5	sw.
1903	74.2	96	42	8.09	14	11	10	9	sw.
1904	77.0	102	48	4.06	8	18	7	5	sw.
1905	78.9	101	43	1.92	6	6	14	10	e.
1906	78.4	102	52	8.88	12	13	8	9	sw.
1907	75.8	99	50	5.92	10	12	13	5	sw.
1908	76.6	100	48	4.90	9	13	13	4	ne.
1909	79.2	105	58	6.87	12	10	14	6	sw.
1910	75.5	98	46	7.78	13	10	11	9	sw.
1911	80.9	106	54	3.42	8	14	12	4	sw.
1912	75.5	101	48	5.68	9	13	7	10	sw.
1913	76.2	105	40	5.53	12	15	9	6	sw.
1914	81.1	108	50	3.80	8	14	12	4	sw.
1915	76.0	103	49	4.26	9	14	10	6	s.
1916	76.4	100	48	5.12	11	12	11	7	sw.
1917	76.9	102	43	4.49	8	16	10	4	sw.
1918	77.0	106	50	3.44	7	15	9	6	ne.
1919	76.4	101	46	5.97	10	11	9	10	e.
1920	77.4	105	52	3.41	6	19	7	4	s.
1921	79.2	103	50	2.81	6	15	11	4	sw.
1922	78.2	101	52	5.48	11	14	11	5	w.
1923	77.1	101	49	2.31	8	16	9	5	w.
1924	78.7	104	52	5.12	10	13	9	8	sw.
1925	80.4	105	58	3.09	8	14	10	6	sw.
1926	77.2	103	46	4.41	8	11	7	12	w.
Period	77.6	108	39	4.79	9	13	11	6	sw.

Daily Temperatures for June, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	86	88	92	88	76	78	86	92	92	87	88	91	94	92	94	84	82	89	88	79	83	85	86	89	90	82	83	78	85	87	....	86.6
	Minimum	69	70	72	74	69	60	66	69	71	70	71	74	74	74	75	75	71	69	73	72	66	66	73	70	70	74	70	70	69	71	....	70.6
Blackville	Maximum	92	93	100	84	70	82	90	96	103	98	99	101	103	96	96	90	88	94	90	79	82	91	88	88	91	95	88	73	85	82	....	90.3
	Minimum	57	67	69	70	65	56	61	61	70	71	72	70	73	74	74	73	67	65	71	70	59	60	72	65	65	69	71	60	68	69	....	67.1
Charleston	Maximum	84	86	91	87	75	72	85	91	90	88	88	92	96	92	94	87	79	87	84	77	82	84	86	89	87	88	82	76	81	85	....	85.5
	Minimum	70	72	74	71	63	60	67	73	72	71	74	76	77	77	78	72	69	68	73	70	64	73	76	73	75	77	70	70	71	73	....	71.6
Cheraw§§	Maximum	96	96	100	79	69	70	93	100	99	96	97	103	102	96	96	89	87	95	83	63	84	90	88	89	91	93	77	73	86	95	....	89.2
	Minimum	62	65	65	70	56	54	57	63	64	69	63	65	74	71	72	70	61	62	69	63	51	67	71	65	65	68	68	63	64	69	....	64.9
Conway	Maximum	91	93	98	90	72	63	88	98	94	94	93	96	98	96	97	89	86	93	88	75	84	87	90	91	91	95	87	72	81	89	....	88.6
	Minimum	66	69	71	69	61	56	53	67	69	68	67	66	75	74	75	74	60	59	69	67	59	65	71	69	66	73	70	68	68	69	....	67.1
Darlington§§	Maximum	91	94	99	92	....	71	90	98	97	97	98	100	101	96	95	90	86	93	89	66	84	89	88	89	92	94	86	76	85	92	....	[a]90.3
	Minimum	65	68	72	72	58	55	56	62	68	70	68	67	75	70	74	73	61	60	68	65	56	62	72	67	62	71	71	66	65	67	....	66.2
Ferguson§§	Maximum	91	93	97	91	72	70	88	96	96	101	96	95	96	93	96	88	84	92	90	84	81	92	84	88	92	90	92	74	85	90	....	89.2
	Minimum	67	68	72	70	65	60	59	66	69	66	70	70	73	75	78	74	66	65	69	64	60	62	71	69	66	72	70	70	68	69	....	68.1
Florence 1	Maximum	92	96	100	....	....	....	90	96	99	95	99	100	101	97	95	97	96	101	93	70	88	92	90	94	93	94	90	72	83	93	....	[a]93.1
	Minimum	56	69	71	74	....	....	....	56	74	72	72	70	76	74	76	75	62	70	69	66	58	63	73	69	67	73	70	68	65	68	....	[a]68.7
Garnett	Maximum	92	94	100	92	75	86	89	97	99	90	97	96	97	95	98	92	85	95	97	85	84	92	91	88	93	92	87	80	86	93	....	91.0
	Minimum	63	68	70	69	65	60	61	61	64	65	68	70	72	71	72	73	68	65	70	70	64	68	75	67	65	65	69	69	67	69	....	67.4
Georgetown	Maximum	90	90	98	91	75	70	86	95	94	92	94	99	100	97	90	82	98	92	85	86	85	90	90	90	90	92	88	76	80	90	....	89.2
	Minimum	65	69	70	70	65	55	56	69	62	65	68	72	74	74	69	61	74	61	68	69	60	66	71	68	66	75	67	67	69	65	....	67.0
Kingstree	Maximum	95	92	97	96	72	70	88	97	97	95	94	93	97	95	96	86	85	92	88	76	83	87	88	88	90	92	84	74	83	90	....	88.7
	Minimum	65	69	65	71	63	57	57	66	68	67	68	68	76	75	75	72	64	62	68	65	60	66	71	67	66	73	72	68	67	69	....	67.3
Orangeburg 1	Maximum	91	93	98	95	79	72	88	95	97	93	97	98	97	94	95	89	85	93	91	75	82	90	86	87	90	93	80	76	84	92	....	89.2
	Minimum	58	66	70	70	64	56	61	65	70	68	70	70	76	74	73	74	67	64	72	63	61	66	72	66	65	68	70	69	67	69	....	67.5
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Society Hill§§	Maximum	92	95	98	87	63	69	91	91	77	96	96	102	102	97	96	91	86	94	85	66	86	91	88	89	94	95	83	76	86	95	....	88.6
	Minimum	60	66	67	69	57	54	55	61	64	71	65	65	71	71	74	72	61	62	65	64	57	58	67	67	61	66	70	66	65	67	....	64.6
Summerville	Maximum	....	....	....	....	....	....	....	....	95	91	88	95	96	93	94	86	83	89	88	77	81	87	86	88	90	90	77	81	87	85	....	[b]87.6
	Minimum	64	66	71	70	64	57	59	62	61	65	67	67	73	72	73	71	65	68	70	70	....	....	....	....	....	....	....	....	....	....	....	[b]66.8
Wedgefield	Maximum	92	94	98	88	75	70	89	97	99	96	98	100	95	92	94	91	88	90	79	83	86	90	88	90	94	85	78	86	90	92	....	89.6
	Minimum	64	64	67	68	60	55	59	69	72	66	65	68	69	72	72	73	64	63	61	58	71	68	65	66	68	70	62	67	68	69	....	66.1
Yemassee	Maximum	89	92	96	90	75	79	88	95	97	91	91	95	95	92	94	88	85	92	91	81	85	90	88	88	91	92	86	81	88	89	....	89.1
	Minimum	62	65	70	68	69	58	62	64	64	64	67	70	72	72	72	72	67	64	69	69	63	68	69	68	64	69	68	68	67	68	....	67.1
Western Portion.																																	
Aiken	Maximum	89	91	96	91	73	82	92	94	97	94	100	97	98	91	90	91	88	90	85	83	80	91	87	86	89	90	87	82	83	87	....	89.1
	Minimum	67	64	67	69	61	57	68	69	71	66	67	69	76	64	70	73	65	67	67	69	71	71	70	65	64	66	64	64	66	66	....	67.1
Anderson	Maximum	85	92	95	82	72	81	93	96	95	97	97	98	97	96	94	91	84	90	89	73	78	84	87	86	90	89	80	76	86	91	....	87.8
	Minimum	65	69	67	66	60	54	63	69	67	65	70	67	72	69	70	69	64	68	70	61	58	65	64	64	61	71	66	64	64	68	....	65.7
Caesar's Head	Maximum	76	84	87	64	78	74	84	89	91	78	86	90	91	77	86	80	71	82	75	56	68	76	74	78	81	78	80	72	77	....	....	[a]78.7
	Minimum	58	59	62	57	55	51	59	64	60	59	61	66	68	65	59	60	59	58	63	53	52	55	59	56	58	59	57	57	54	54	....	58.6
Calhoun Falls§§	Maximum	88	96	100	86	70	83	96	98	100	98	99	102	100	89	98	98	98	98	94	71	83	90	92	90	96	98	78	80	88	95	....	91.7
	Minimum	61	62	59	63	53	53	58	63	65	63	65	66	68	68	68	68	68	66	66	63	55	56	64	63	58	63	66	64	60	61	....	62.5
Camden§§	Maximum	94	....	....	90	88	86	96	98	99	99	100	102	101	102	92	92	89	96	87	74	86	86	85	90	89	90	81	81	89	92	....	[b]91.2
	Minimum	65	67	70	70	58	56	58	64	65	71	71	71	72	73	72	64	65	67	72	60	58	58	70	60	65	64	65	67	67	65	....	65.7
Chester	Maximum	92	94	92	90	91	82	94	95	96	96	97	100	100	91	95	94	94	94	95	86	87	91	90	91	92	93	93	79	78	86	....	91.9
	Minimum	65	66	65	62	60	62	63	65	66	65	65	70	72	74	74	72	72	76	64	56	57	62	70	70	65	63	69	65	65	72	....	66.4
Clemson College	Maximum	89	94	95	91	71	....	91	96	93	93	93	96	94	90	90	89	87	87	84	78	76	82	83	86	87	86	83	78	84	89	....	[a]87.4
	Minimum	63	63	64	68	61	....	68	65	62	62	63	62	70	67	68	65	64	66	69	66	59	62	66	60	57	68	66	60	63	62	....	[a]64.1
Columbia	Maximum	88	92	97	85	66	72	90	94	96	97	93	99	97	91	93	90	86	92	88	70	83	86	86	89	88	92	82	76	84	90	....	87.7
	Minimum	66	68	68	66	58	55	63	71	72	68	75	72	77	76	75	73	66	70	70	61	60	71	67	67	69	71	69	66	69	71	....	68.3
Due West	Maximum	85	92	94	77	69	81	92	97	95	94	95	99	93	86	92	91	82	91	87	69	80	86	89	86	89	91	75	78	86	91	....	87.1
	Minimum	66	65	64	64	60	53	61	67	67	64	69	70	71	71	71	69	64	66	69	59	58	65	67	63	62	67	67	65	64	67	....	65.2
Greenville	Maximum	83	90	94	79	71	79	89	93	93	93	93	94	93	85	91	89	79	89	81	67	79	83	85	86	88	86	75	78	86	90	....	85.4
	Minimum	66	66	69	61	56	54	63	68	67	66	69	70	70	68	68	69	62	68	65	58	57	66	67	67	66	70	65	63	64	67	....	65.2
Greenwood	Maximum	90	87	93	97	89	68	82	92	97	98	98	99	....	97	89	93	98	92	95	90	68	85	89	86	88	94	93	77	83	89	....	89.6
	Minimum	61	66	67	70	59	52	58	61	69	64	65	70	73	73	71	70	69	65	71	67	59	61	67	63	63	68	69	64	64	64	....	65.5
Heath Springs	Maximum	86	88	95	80	71	66	87	96	91	95	96	98	98	92	93	91	92	93	75	65	80	85	85	85	88	90	72	72	82	90	....	86.0
	Minimum	65	67	66	71	55	52	58	69	64	67	68	69	74	73	74	70	68	63	62	58	55	66	70	65	65	67	66	64	65	70	....	65.5
Kershaw	Maximum	90	94	98	81	68	70	94	99	96	95	97	101	101	97	97	94	88	97	86	70	83	89	89	87	91	94	73	73	86	93	....	89.0
	Minimum	65	66	65	65	56	52	56	68	64	65	66	70	75	73	73	71	62	62	73	62	55	66	71	65	63	65	65	64	65	69	....	65.2
Landrum	Maximum	83	83	91	85	66	77	88	90	88	92	97	98	97	85	90	92	90	92	83	71	80	87	88	85	89	88	79	82	88	95	....	86.6
	Minimum	65	66	65	62	56	48	58	59	63	63	61	62	68	66	66	67	63	65	70	59	56	59	64	63	61	68	65	61	60	66	....	62.5
Laurens	Maximum	89	94	98	83	68	83	94	100	99	94	96	102	99	90	94	93	86	95	94	71	80	89	89	87	91	94	84	79	87	94	....	89.9
	Minimum	66	65	61	67	59	51	61	62	60	63	63	66	73	69	72	68	64	65	70	60	58	59	69	68	60	65	69	64	65	63	....	64.2
Little Mountain	Maximum	89	94	88	98	88	83	93	97	98	97	100	102	98	89	95	97	89	97	89	71	80	90	89	88	91	93	80	74	86	92	....	90.5
	Minimum	62	65	66	66	56	52	61	68	68	65	69	70	75	73	72	72	63	66	71	59	58	57	59	64	66	67	67	70	64	66	....	65.2
Newberry	Maximum	89	91	98	88	72	81	92	98	98	95	98	100	99	90	96	97	90	98	90	71	85	91	89	89	92	94	77	79	88	92	....	90.3
	Minimum	64	65	64	69	59	53	62	69	67	65	68	71	74	75	73	71	66	66	71	61	59	68	67	65	62	66	70	65	67	69	....	66.4
Saluda	Maximum	92	91	94	94	72	82	93	93	93	96	97	97	100	92	97	97	92	97	87	77	85	92	92	89	93	97	88	76	86	94	....	90.8
	Minimum	66	66	63	70	60	53	64	69	66	63	67	73	73	74	73	.71	69	64	72	62	59	65	65	66	60	64	69	65	67	66	....	66.1
Santuck	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	94	82	80	89	94	....	....
	Minimum	66	64	57	65	58	49	57	66	58	60	63	66	74	72	75	66	65	61	69	60	58	64	59	63	59	65	68	65	66	65	....	63.4
Spartanburg	Maximum	88	94	97	92	85	84	95	98	95	96	98	100	99	91	97	92	84	94	72	70	88	86	88	89	93	92	85	82	90	94	....	90.3
	Minimum	58	62	58	64	57	49	55	66	60	62	63	62	70	65	69	65	62	62	62	62	60	58	60	63	59	63	66	60	62	60	....	61.5
Trenton	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Walhalla	Maximum	84	93	97	88	72	82	92	97	97	97	96	99	96	86	90	88	83	88	84	73	77	81	84	86	88	86	76	81	85	91	....	87.2
	Minimum	58	59	58	65	59	46	58	59	60	59	59	60	68	65	65	65	67	64	64	62	57	62	62	58	55	55	64	59	61	61	....	60.5
Winnsboro§§	Maximum	89	94	97	84	63	76	92	99	99	95	99	101	99	93	....	....	89	96	90	68	84	90	90	89	91	95	79	77	77	93	....	[b]88.9
	Minimum	63	65	66	72	56	52	57	69	65	64	68	71	74	75	73	....	....	64	71	67	56	61	70	64	65	68	69	64	65	69	....	[b]65.8
Winthrop College	Maximum	97	95	98	88	68	76	98	99	95	98	99	100	100	93	96	93	83	96	90	72	81	90	88	89	93	92	82	80	89	95	....	90.4
	Minimum	65	67	64	64	55	52	60	59	63	63	65	68	71	73	73	69	62	63	70	55	55	67	67	64	63	70	65	63	62	67	....	64.1

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 7-26-26—900

3.05
NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

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UNIVERSITY OF ILLINOIS

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN. Meteorologist.

VOL. XXIX. COLUMBIA, S. C., JULY, 1926. No. 7.

GENERAL SUMMARY.

The month was warmer than usual, and heat records for July and for periods of observation were broken at a number of stations on the 21st. Precipitation was somewhat above normal, but the drought persisted in the northwestern counties until the last week.

Irregular and badly distributed rainfall was reflected in the condition of all crops. While precipitation was generally ample in most sections of the eastern, central, and southern counties, the drought in the northwestern counties was not relieved until the last week. At the close of the month, cotton was vigorous and fruiting well, except in the Piedmont, where the crop was small and very backward; there was complaint of a light bottom crop; the weevil damage thus far has been negligible; the first open boll was observed at Orangeburg on the 23d, as compared with the 21st at Newberry last year. The condition of corn was similar to cotton, with "firing" in considerable areas, but the crop had markedly improved by the close of the month. Sweet potato transplanting was delayed by drought, but late rains developed a good growing crop. Tobacco never fully recovered from previous unfavorable conditions; curing was in progress at the close of the month, with fair results. Gardens, field crops, and fruits responded to the late rains, and peaches, cantaloupes, and watermelons in large quantities were being marketed; native apples were fairly plentiful.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29.99 inches. The highest pressure was 30.27 inches at Columbia and Due West on the 17th; the lowest pressure was 29.61 inches at Savannah, Ga., on the 28th, and in the Section proper, 29.72 inches at Greenville on the 8th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 38 stations, was 80.5°, or 0.7° above the normal The highest temperature was 108° at Calhoun Falls, Greenwood, Little Mountain, Newberry, Saluda, Society Hill, and Winnsboro on the 21st, and the maximum temperature records for July and other months were broken at a number of stations in the central counties. Temperatures were near or above normal from the 1st to the 10th and from the 19th to the 25th, inclusive, and ranged from 5 to 11 degrees above normal on 16 dates. The lowest temperature was 50° at Caesar's Head on the 15th, 16th, 17th and 18th. The cool periods were from the 11th to 18th and from the 26th to 28th, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 58%; 8 p. m., 70%. The highest percentages occurred over the eastern and southern sections, and the lowest, over the northwestern counties.

PRECIPITATION.

The average for the Section, 48 stations reporting, was 6.24 inches, or 0.35 inch above the normal. Scattered light showers marked the first three weeks generally, the month closing with drenching rains, and the drought in the Piedmont came to an end. Precipitation was very badly distributed in area and amounts, with 5 to nearly 11 inches from the lower coast sections to the northern border; elsewhere the measurements ranged downward from 5 inches to less than 3 inches. The greatest local monthly amount was 10 98 inches at Due West; least local monthly amount, 2.40 inches at Mars Bluff. The greatest amount during any 24 hours was 5.31 inches at Due West on the 26-27th. The average number of rainy days was 9% below normal.

Death by Lightning.—1st, Bessie Gilliam, a negro girl, while grazing a cow near Santuck; the cow was also killed.

A rather severe windstorm occurred about 7 miles south of Due West on the 22d. A negro woman was injured by an overturned buggy. Small hail in a short path about one-half mile wide caused about $200 damage.

A small tornado in a short path passed north of Wedgefield on the 28th, with no great damage.

A severe windstorm approaching tornadic proportions caused about $400 damage to barns and outbuildings in Chester on the 21st, and two barns in the country were fired by lightning and destroyed, with a loss of about $1,000.

A windstorm in western Orangeburg County on the 28th demolished a rural residence and caused other damage estimated at about $2,000.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 7.4 miles. The highest average velocity was 11.6 miles per hour at Savannah, Ga., and in the Section proper, 9.9 miles per hour at Charleston; the lowest average was 3.7 miles per hour at Charlotte, N. C., and in the Section proper, 6.7 miles per hour at Columbia. The highest velocity for any 5-minute period was 54 miles per hour from the southeast at Charleston on the 28th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 288.5 hours, or 66% of the possible amount. The average number of clear days was 14; partly cloudy, 10, and cloudy, 7, as against normals of 13, 11, and 7 days, respectively.

MISCELLANEOUS DATA FOR JULY, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.00	72.8	96	49	4.48	1.36	6.0	nw.	84	52	66	58
Augusta, Ga.....	29.98	81.3	103	63	4.50	2.31	5.3	s.	82	60	72	73
Charleston, S. C...	29.99	81.2	97	67	4.29	1.75	9.9	sw.	79	72	82	75
Charlotte, N. C ...	29.98	80.1	103	60	3.96	1.46	3.7	ne.	76	52	59	72
Columbia, S. C....	29.98	81.0	104	62	8.79	2.61	6.7	sw.	82	56	65	62
Due West, S. C....	30.01	80.4	105	61	10.98	5.31	8.2	sw.	77	48	....	61
Greenville, S. C...	29.97	79.8	103	62	4.29	2.61	8.1	ne.	72	48	57	60
Savannah, Ga.....	29.98	80.4	99	68	10.20	5.42	11.6	s.	85	70	80	53
Wilmington, N. C.	30.00	80.0	98	63	3.68	1.72	7.4	sw.	83	67	82	76
Means and extremes	29.99	79.6	105	49	6.13	5.42	7.4	sw.	80	58	70	66

Climatological Data for July, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	45	80.2	−1.2	94	†20	68	†15	24	7.75	+1.59	3.10	0	12	16	12	3	nw.	Pathologist Truc's. Sup. Co.
Blackville	Barnwell	296	42	81.0	−0.5	105	22	60	†16	35	8.58	+3.05	3.00	0	10	19	5	7	w.	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	81.2	−0.1	97	10	67	15	20	4.29	−2.97	1.75	0	14	6	15	10	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	80.1	+0.2	105	†20	56	16	49	6.01	−0.13	2.91	0	9	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	36	80.2	+0.4	99	†20	59	16	32	7.61	+0.80	2.75	0	10	14	4	13	sw.	Paul Quattlebaum.
Darlington††	Darlington	175	31	81.4	+1.5	106	21	57	16	35	2.68	−2.88	2.20	0	4	16	8	7	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	4.55	−1.21	2.04	0	7	....	..	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	78.9	−0.5	102	21	60	†16	33	10.35	+3.71	3.05	0	12	....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	44	83.0	+1.8	105	21	63	16	33	3.83	−2.02	1.96	0	6	22	4	5	sw.	H. K. Gilbert.
Florence 2	.....do	136	11	.....	.....	.....	.....	.....	.....	.....	3.16	−2.69	2.38	.....	6	12	8	11	se.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	[b]81.2	.....	[b]104	21	[b]60	16	[b]36	6.82	.....	2.00	0	13	10	20	1	.....	Maner B. Robert.
Georgetown	Georgetown	18	33	80.4	−0.1	100	†20	60	†15	32	3.18	−4.22	1.48	0	6	15	15	1	.....	A. P. Hazard.
Kingstree	Williamsburg	54	44	80.6	0.0	101	21	57	16	32	4.00	−2.52	1.97	0	11	20	5	6	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	2.40	.....	1.20	0	3	...	...	...	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	81.4	−1.4	104	21	57	†15	41	4.76	−2.41	2.27	0	13	12	9	10	sw.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	....	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	.....	7.48	−0.90	2.75	0	10	....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	.....	R. L. Utsey.
Society Hill	Darlington	192	35	[a]81.6	+2.2	[a]108	21	[a]58	†16	[a]43	3.92	−2.51	2.00	0	8	25	2	4	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	[f]79.2	−0.5	97	21	[f]60	16	[f]28	3.62	−3.04	1.26	0	9	11	12	8	s.	Dr. William Simons.
Wedgefield	Sumter	249	36	80.9	+1.7	105	21	60	16	33	8.45	+3.43	3.00	0	10	20	7	4	.....	W. Hampton Ramsey
Yemassee	Hampton	24	37	79.4	−1.4	99	21	59	16	32	7.76	+0.90	2.96	0	10	18	1	12	se.	W. C. Hutson.
Division means and	extremes	.....	.....	80.6	+0.2	108	21	56	16	49	5.71	−0.61	3.10	0	9	16	8	7	sw.	
Western Portion.																				
Aiken	Aiken	527	64	80.2	+0.1	102	21	60	15	32	9.76	+4.92	4.25	0	11	16	7	8	n	Frank B. McCoy.
Anderson	Anderson	764	33	80.8	+1.2	106	21	60	15	35	6.21	+1.17	2.60	0	6	22	2	7	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	8.23	+2.89	2.26	0	12	..	.....	.....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	71.0	.... ..	97	22	50	†15	36	6.11	.....	2.00	0	10	13	5	13	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	80.9	.....	108	21	58	15	44	5.97	+0.45	1.17	0	9	13	10	8	s.	L. M. Parker.
Camden	Kershaw	222	76	83.0	+3.0	106	23	59	16	38	5.34	+0.11	2.00	0	8	....	.....	.....	.....	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	6.96	+0.48	2.68	0	10	....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	5.91	+0.60	2.04	0	12	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	4	83.6	.....	106	20	60	†16	42	9.84	.....	3.50	0	6	18	5	8	ne.	J. C. Cornwell.
Clemson College	Oconee	850	34	78.8	+1.1	104	21	51	16	40	3.79	−1.39	1.10	0	8	13	11	7	e.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	81.0	+0.1	104	20	62	15	28	8.79	+2.73	2.61	0	14	9	13	9	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	12	80.4	+1.3	105	21	61	15	33	10.98	+6.17	5.31	0	11	7	20	4	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	6.80	+1.40	2.00	0	5	.....	.....	.....	.....	D. W. Sharpe.
Gaston Shoals ‡‡	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	4.63	−0.07	1.25	.....	11	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	79.8	+2.9	103	21	62	15	30	4.29	−1.28	2.61	0	10	10	15	6	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	81.2	+1.6	108	21	58	†15	36	5.85	+0.58	1.40	0	8	17	0	14	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	24	79.4	0.0	105	21	58	†15	34	6.26	+0.99	1.75	0	12	9	11	11	w	J. Marvin Bowers.
Kershaw	Kershaw	500	10	81.0	+2.0	107	21	58	16	36	4.58	−0.31	1.32	0	11	20	1	10	e.	John W. Hamel.
Landrum	Spartanburg	1063	11	[j]81.2	+4.6	[j]104	21	[j]56	15	[j]32	6.93	+0.63	2.08	0	8	15	10	6	.....	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	81.2	.....	107	21	56	15	40	6.35	.....	2.40	0	8	18	11	2	sw.	L. G. Roff.
Little Mountain	Newberry	711	33	81.4	+1.1	108	21	57	16	35	8.81	+0.66	5.00	0	8	13	9	9	se.	Miss Alberta Sease.
Newberry	Newberry	502	22	82.0	+1.3	108	21	58	16	42	6.31	+1.16	2.04	0	11	10	14	7	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	6.72	+0.73	2.20	0	11	...	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	81.1	+1.1	108	21	56	16	43	6.34	+1.25	2.00	0	10	16	13	2	s.	W. S. Crout.
Santuck	Union	512	33	80.7	+1.1	106	21	57	†16	40	5.85	+0.74	1.90	0	10	15	11	5	se.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	80.0	+0.9	106	†22	54	15	40	4.83	+0.14	2.10	0	4	....	.....	.....	.....	M. H. Daniel.
Trenton	Edgefield	620	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	...	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	77.9	+0.9	106	21	51	15	42	5.87	−0.55	1.19	0	11	16	11	4	‖se.	H. W. Brandt.
Winnsboro	Fairfield	515	32	81.2	+1.6	108	21	59	15	34	7.14	+2.23	2.30	0	12	7	16	8	se.	Rev. Oliver Johnson.
Winthrop College ‡‡	York	690	26	81.0	+1.9	106	†20	59	†15	40	5.75	+0.19	3.05	0	9	7	21	3	nw.	W. T. Clawson.
Division means and	extremes	.....	....	80.4	+1.1	108	21	50	†15	44	6.59	+1.24	5.31	0	10	14	10	7	‖sw.	
Section means and	extremes	.....	....	80.5	+0.7	108	21	50	†15	42	6.24	+0.35	5.31	0	10	14	10	7	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡ Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow. ‖ Other directions also.

Daily Precipitation for July, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort	Coast						.15	.43		.31			.96	.04		.13			.12	.16				.48	.81				1.06	3.10			7.75
Blackville ‖‖	Edisto								.50		.21		.36			.55			.05					.05	1.85	.10	.50	1.10	.85	3.00	.10		8.58
Charleston ***	Coast			T.	.02		.03							.58										.35	.35	.76	.06	.01	1.64	.11	.09		4.29
Cheraw ‖‖	Pee Dee		.21					1.04					.05		.13									.76	.20	T.		T.	2.91	.28	.43	6.01
Conway ‖‖	Waccamaw										2.75			.19	T.	.05								.12	.56	.93	2.45	.09	.11		.36	7.61
Darlington ‖‖	Pee Dee															.15								.25					2.20		.08	2.68
Effingham ‖‖	Lynches										.19		.07			.34								.71	.95				2.04	T.	.25	4.55
Ferguson ‖‖	Santee							.08			.71		.72			.18								2.05	.35	.85	3.01	.19	2.03	.03	.15	10.35
Florence 1 ‖‖	Pee Dee												.14			.43								.38		.03	T.	T.	1.96		.89	3.83
Florence 2 ‖‖	do												.10			.29								.52		.03			2.38		.04	3.16
Garnett	Savannah	.01	T.			.03	.15	.02				.05	T.		.25				.01				1.50	.32		2.00		2.00	.28		.20	6.82
Georgetown	Coast	.50	T.	T.	T.	.15	.20	T.		T.				T.	T.				T.					1.48		T.		.30	.55			3.18
Kingstree ‖‖	Black								.17		.07		.07		.05	.05								.03	T.	.05	1.97	.15	1.29		.10	4.00
Mars Bluff	Pee Dee															.75									.45				1.20			2.40
Orangeburg	Edisto						..	.04	.05				.07	.09		.03	.05							.62	.05	.60	.20	.23	2.27	T.	.46	4.76
Pinopolis	Cooper																							.60	.10	1.45	2.75	.25	1.11			7.48
Rimini ‖‖	Santee		.50									.32	.20	.20																		
St. George	Edisto															.16								.38	.03	.70		.22	2.00	.15		3.92
Society Hill ‖‖	Pee Dee						.28																	.40			.32	T.	1.20			3 62
Summerville	Ashley	.50				.35				.23		.35		.16	.11										.60		3.00	.80	.70	1.50	.15		8.45
Wedgefield	Wateree	T.							.95			.45	.05		.25									2.40			.64	.38	2.96			7.76
Tennessee‖‖	Ashepoo	.03	.58					.31		.03			.25			.18																
Western Portion.																																
Aiken	Edisto	.56				.10	.09	.13			T.				.09									.61		2.02	.87	.43	4.25		.61	9.76
Anderson	Savannah	.10								.11			.04		.06	.25									T.		2.60	.29	2.00	.26	.96	6.21
Blairs ‖‖	Broad		.56															.30						1.61	.44	2.26		.09	2.10	.44	.27	8.23
Cesar's Head	Saluda	.15	T.		.32	.52	T.		.85	T.	.10				T.			3.50								.31	.30	T.	.95	2.00		.61	6.11
Calhoun Falls ‖‖	Savannah		.17								.20				.04	.10								.52			.53	.82	.73	1.15	1.17	.37	5.97
Camden ‖‖	Wateree																								1.70	.15	.30	.85		2.00			5.34
Catawba ‖‖	Catawba						.20										.30								1.10	2.68	.25	.07	.37	1.87	.07	.05	6.96
Chappells ‖‖	Saluda							.02		.17			.02		.08			3.50						1.85	.11	.28	2.04	.08	.23	1.55	.98	.35	5.91
Chester	Broad	.30																								2.60			.35	1.24			9.84
Clemson College	Savannah		.10			.12																	.12	.09	1.45	.08	.65	T.	1.06	1.70	.01	.02	3.79
Columbia ***	Congaree	.73				T.	.09		.20			2.33	T.		.26								.03	.03	T.	.07	.34	.34	4.97	.48	2.78	T	.69	8.79
Due West***	Savannah	T.					T.	T.	T.	T.	1.20	T.		T.	.05										.40		2.00	1.90		2.00	.50		10.98
Edgefield ‖‖	Savannah																								.31	.68	.40	.13	.11	1.25	.70	.04	6.80
Gaston Shoals ‖‖	Broad					.08		.10									.83								T.	T.	.01	.07	.38	.19	2.61	.47	.10	4.63
Greenville ***	Saluda	.27		.04					T.				.28	1.12		.10							.15	T.				1.18	.50		1.40	1.25		4.29
Greenwood ‖‖	do														T.									.02									5.85
Heath Springs	Wateree					.20	.18			.72		.05			.68										1.30	.43	.10	.21	.40	1.75	.24		6.26
Kershaw ‖‖	Lynches							.99			.07		.02			.29									1.03	.15	.45	.03	.17	1.32	.06		4.58
Landrum	Broad	.09		.41			.40						.20		T.												1.72	.96	2.08	.51	.76	6.93
Laurens	Saluda																								.02	1.35	.19	1.45	.16	2.40		.58	6.35
Little Mountain	Saluda	T.				.06	.02					T.													5.00		.99	.22	.17	2.05		.30	8.81
Newberry	Saluda	.03						.16				.10	T.		.04										1.50		1.95	.17	.07	2.04	.10	.15	6.31
Pelzer ‖‖	do		.74		.42	.02							.01		.75									.04		.04	1.04	.30	.20	1.34	2.20	.38	6.72
Saluda	do						T.	.55	.10						T.	.90								1.50		.61	.62	.19	2.00		.01	6.34
Santuck	Broad	.29				T	.06					.06													.49		.46	.05	1.46	1.90	T.	.18	5.85
Spartanburg ‖‖	do	T							T																	.08			2.10	1.75	.90		4.83
Trenton	Edisto																								T.		.05	1.18	.45	1.12	1.19	1.02	5.87
Walhalla	Savannah	.02		.19			.48	.15			.02														1.44	.53	.76	.04	.08	2.30	.42	.52	7.14
Winnsboro ‖‖	Broad						T.			.33			.53		.08	.11									3.05		.15	.05	.21	1.90			5.75
Winthrop College	Catawba							.12		.07		.05				.15																

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JULY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	82.0	110	60	7.49	14	.....	.....	.....	.....
1888	78.9	108	53	3.68	8	.....	.....	.....	sw.
1889	79.5	102	51	7.13	13	.....	.....	.....	sw.
1890	78.4	104	52	6.88	12	.....	.....	.....	sw.
1891	77.9	93	56	5.95	.....	.....	.....	.....	sw.
1892	78.9	102	51	7.44	.....	.....	.....	.....	sw.
1893	82.0	104	60	3.87	9	13	14	4	sw.
1894	77.7	100	55	8.24	16	8	12	11	sw.
1895	79.5	102	54	4.17	8	10	15	6	sw.
1896	80.7	105	51	8.17	13	10	13	8	sw.
1897	80.2	107	54	5.01	11	13	12	6	sw.
1898	80.0	102	54	7.81	14	10	10	11	sw.
1899	80.0	105	47	4.03	9	12	11	8	sw.
1900	81.2	104	55	4.08	9	14	11	6	sw.
1901	81.4	102	62	4.52	10	12	12	7	sw.
1902	80.8	107	58	3.79	9	15	11	5	sw.
1903	80.4	103	45	3.59	8	18	9	4	sw.
1904	79.4	105	50	5.96	12	13	12	6	sw.
1905	80.4	101	60	6.16	12	13	10	8	sw.
1906	78.4	100	56	8.40	16	5	17	9	sw.
1907	81.4	106	56	5.06	11	13	13	5	sw.
1908	79.8	100	60	5.43	12	12	13	6	s.
1909	78.6	104	55	4.92	10	13	12	6	sw.
1910	79.4	102	58	5.83	13	9	15	7	sw.
1911	79.8	102	53	3.79	10	12	13	6	sw.
1912	79.6	102	58	5.22	11	14	10	7	sw.
1913	81.9	109	56	4.78	9	15	9	7	sw.
1914	80.0	107	53	5.16	9	14	13	4	sw.
1915	80.9	106	55	3.26	8	18	10	3	sw.
1916	77.8	99	60	14.69	17	5	12	14	sw.
1917	79.9	102	52	6.56	12	14	9	8	sw.
1918	77.5	103	50	5.02	11	15	9	7	sw.
1919	79.3	103	51	8.86	13	13	8	10	s.
1920	78.9	102	53	5.60	11	13	10	8	sw.
1921	79.6	101	60	7.44	14	9	13	9	e.
1922	79.9	101	58	7.20	13	12	13	6	sw.
1923	79.0	104	57	4.50	9	15	8	8	sw.
1924	78.6	103	56	6.93	12	14	9	8	w.
1925	81.5	106	56	3.19	6	15	11	5	s.
1926	80.5	108	45	6.24	10	14	10	7	sw.
Period	79.8	108	45	5.89	11	13	11	7	sw.

Daily Temperatures for July, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	87	85	87	89	89	88	90	91	91	96	92	84	86	79	83	82	81	83	92	94	94	87	81	89	90	88	86	81	83	85	88	87.1
	Minimum	74	75	74	75	77	75	74	74	72	72	74	71	73	74	68	68	71	72	70	73	74	76	70	71	76	75	75	74	73	78	77	73.4
Blackville	Maximum	92	90	94	93	96	96	90	94	93	94	99	91	89	92	80	82	86	89	91	100	103	105	100	90	92	95	90	90	80	88	94	92.2
	Minimum	70	69	71	72	72	72	72	71	73	73	73	62	70	71	61	60	60	65	68	71	72	74	70	70	72	70	70	72	70	74	73	69.7
Charleston	Maximum	83	81	85	86	90	90	92	88	93	97	93	82	89	83	79	80	82	82	92	94	95	88	83	87	91	87	85	82	84	85	89	87.0
	Minimum	76	76	75	78	79	77	76	76	76	78	73	74	77	72	67	70	72	74	73	76	78	79	77	74	77	77	77	73	75	79	80	75.5
Cheraw§§	Maximum	93	93	92	95	95	95	93	95	97	100	85	90	92	75	82	86	89	96	101	105	105	100	95	83	93	77	83	80	85	88	90	91.2
	Minimum	69	70	70	69	74	70	69	72	72	73	76	64	68	70	61	56	58	60	56	70	72	73	71	73	70	73	69	72	72	74	73	69.0
Conway	Maximum	87	86	90	92	93	91	91	94	98	98	90	85	90	83	79	85	83	90	99	99	99	93	90	88	91	84	86	85	86	89	89	89.8
	Minimum	70	69	72	70	73	73	75	71	71	71	71	66	68	73	67	59	60	67	69	73	73	73	68	75	71	71	69	75	74	76	74	70.5
Darlington§§	Maximum	92	92	92	93	94	92	94	95	99	101	89	90	93	78	81	88	90	94	101	104	106	102	97	86	95	86	88	85	90	92	91	92.6
	Minimum	70	67	72	72	72	75	75	72	74	75	76	65	66	70	63	57	59	62	70	71	71	72	71	72	72	73	70	74	74	74	74	70.3
Ferguson§§	Maximum	90	89	91	93	93	90	92	93	95	95	92	94	91	82	80	86	86	86	90	97	101	102	98	91	92	93	90	88	81	87	90	....	88.1
	Minimum	70	68	71	70	71	73	74	72	72	70	74	66	70	72	64	60	60	66	72	70	70	71	65	71	70	71	70	73	71	74	71	69.7
Florence 1	Maximum	94	95	95	96	98	91	97	98	100	101	88	93	92	81	84	88	92	97	98	104	105	101	95	90	95	89	93	84	92	91	89	93.7
	Minimum	72	70	74	73	75	75	75	73	75	76	76	66	70	71	64	63	64	66	74	75	74	75	73	74	75	75	72	76	73	75	75	72.3
Garnett	Maximum	92	90	90	93	95	90	92	94	94	99	93	90	94	80	86	89	85	92	99	102	104	98	82	94	97	92	94	....	....	93	93	[1]92.6
	Minimum	69	69	69	71	72	71	72	72	72	75	73	70	70	70	64	60	61	68	66	69	71	72	62	72	74	72	72	...	....	74	72	[1]69.8
Georgetown	Maximum	80	84	91	91	91	90	90	92	94	98	95	88	90	81	82	88	85	89	98	100	100	94	92	90	95	90	88	84	89	90	93	90.4
	Minimum	70	68	70	71	72	72	73	72	72	72	72	68	72	73	60	60	60	68	68	73	74	74	68	73	74	74	73	71	72	72	74	70.5
Kingstree	Maximum	87	88	90	93	94	88	90	91	94	96	90	86	92	86	80	87	86	92	98	100	101	95	89	91	96	91	85	83	87	88	92	90.5
	Minimum	70	63	71	71	73	73	74	72	73	72	75	68	69	74	64	57	60	67	69	72	72	73	69	75	75	73	72	75	74	76	74	70.8
Orangeburg 1	Maximum	90	89	95	98	96	96	94	95	96	98	97	97	95	91	....	86	86	91	99	103	104	99	89	89	95	87	86	78	87	92	93	[3]93.0
	Minimum	69	69	70	72	72	73	73	72	73	76	75	67	71	70	61	57	57	58	67	70	71	72	68	73	73	72	72	74	73	74	74	69.9
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Society Hill§§	Maximum	94	93	94	93	94	92	94	98	99	103	86	90	95	77	83	87	....	95	101	105	108	104	98	87	95	82	86	92	89	91	92	[3]93.2
	Minimum	70	71	70	72	74	75	73	71	73	75	76	65	67	67	63	58	58	....	58	70	71	71	71	72	71	73	70	71	73	73	74	[3]69.9
Summerville	Maximum	84	84	87	89	88	87	88	90	91	91	89	84	88	81	79	83	82	87	94	96	97	91	83	88	91	90	88	81	85	88	90	87.5
	Minimum	....	....	....	....	....	....	72	71	72	71	72	69	70	73	65	66	62	69	68	72	71	73	70	74	76	74	72	74	74	76	74	[1]71.0
Wedgefield	Maximum	92	91	94	94	94	88	93	94	95	95	90	88	89	79	83	87	88	93	98	102	105	98	92	87	94	90	87	78	88	90	92	91.2
	Minimum	70	69	72	74	73	74	73	71	67	73	73	66	68	67	61	60	62	65	69	73	74	74	70	73	73	70	72	70	85	74	74	70.6
Yemassee	Maximum	89	87	89	91	92	87	91	91	91	96	91	87	90	80	84	86	84	87	95	97	99	92	83	92	94	90	88	81	86	89	92	89.4
	Minimum	68	69	69	70	71	70	72	72	72	74	71	69	69	69	64	59	60	67	65	68	70	70	68	71	73	70	71	74	73	74	73	69.5
Western Portion.																																	
Aiken	Maximum	91	90	90	89	90	89	90	90	90	95	91	87	89	86	83	84	86	93	96	101	102	101	94	88	94	91	88	78	80	89	88	90.1
	Minimum	78	67	71	73	74	73	74	71	72	73	74	65	74	66	60	62	63	66	69	72	73	75	71	71	73	68	69	72	71	70	69	70.2
Anderson	Maximum	93	93	92	95	92	92	93	94	93	98	92	88	90	90	86	88	90	95	100	103	106	102	96	91	99	88	85	71	78	86	85	91.8
	Minimum	68	68	73	71	72	74	72	70	74	74	71	65	68	70	60	62	64	65	69	72	73	74	69	75	73	69	68	68	70	70	72	69.9
Caesar's Head	Maximum	85	85	85	84	82	68	80	85	87	89	78	78	78	80	73	77	80	86	85	95	97	95	85	87	90	78	70	68	71	77	76	81.7
	Minimum	55	55	66	60	62	62	62	62	62	62	63	53	53	53	50	50	50	50	68	69	69	69	64	64	64	63	63	62	62	63	62	60.4
Calhoun Falls§§	Maximum	89	94	96	98	97	95	95	99	99	102	93	91	96	95	88	91	96	98	104	107	108	104	94	99	101	94	90	77	81	88	90	95.9
	Minimum	66	65	67	68	68	70	70	68	68	70	70	63	64	65	58	59	59	59	62	63	70	71	65	65	69	66	64	66	68	68	68	65.9
Camden§§	Maximum	94	95	97	....	98	94	....	97	98	100	....	....	94	82	85	....	....	98	....	....	104	106	97	....	98	96	....	....	....	....	94	[m]95.6
	Minimum	65	66	66	72	74	75	74	74	71	76	76	71	71	69	65	59	61	65	71	71	76	75	75	72	71	71	72	73	73	74	74	70.9
Chester	Maximum	95	95	95	96	95	95	96	98	101	101	98	96	96	96	94	89	89	100	101	606	100	100	88	88	87	94	93	84	90	90	90	95.6
	Minimum	65	66	73	75	75	76	79	80	79	78	66	65	65	67	65	60	60	62	63	74	74	75	70	71	68	68	76	71	71	72	73	70.4
Clemson College	Maximum	91	91	90	92	90	88	90	93	93	92	93	90	88	88	85	85	88	92	99	102	104	103	95	92	95	88	84	76	78	85	86	90.5
	Minimum	65	65	71	68	69	74	71	69	72	73	72	67	62	68	53	51	61	59	62	65	69	70	67	70	70	72	70	68	70	69	71	67.2
Columbia	Maximum	91	88	90	92	93	90	93	93	94	98	90	84	88	74	82	86	88	91	99	104	102	97	89	86	94	87	86	78	86	89	89	90.0
	Minimum	72	72	74	74	74	74	74	72	73	76	71	68	73	67	62	62	65	66	71	76	78	77	74	73	74	72	74	74	72	76	74	72.1
Due West	Maximum	92	94	94	95	94	93	93	97	96	99	90	85	89	85	83	85	89	93	100	104	105	100	93	91	98	87	87	74	78	87	86	91.5
	Minimum	67	67	74	72	73	74	73	70	72	70	71	65	69	67	61	62	62	64	67	72	72	72	68	75	71	70	68	68	71	71	70	69.3
Greenville	Maximum	93	91	90	92	91	88	92	93	92	95	90	87	87	86	82	85	88	93	100	102	103	101	92	89	95	81	83	72	79	87	86	89.8
	Minimum	70	68	73	70	73	73	71	71	72	73	71	63	69	67	62	63	67	63	72	74	77	74	70	75	71	70	67	66	69	70	71	69.8
Greenwood	Maximum	93	93	96	95	94	93	93	95	99	97	100	92	90	90	82	85	90	83	97	103	107	108	102	94	95	99	92	89	76	81	89	93.3
	Minimum	67	66	73	72	72	73	73	69	72	75	69	65	66	67	58	58	60	61	69	72	74	75	71	72	73	69	69	71	72	70	72	69.2
Heath Springs	Maximum	91	90	90	93	93	90	89	95	96	97	82	84	89	81	79	82	84	92	97	103	105	101	94	82	89	84	78	78	84	85	86	89 2
	Minimum	70	69	71	72	73	74	73	72	72	69	73	62	71	66	58	58	60	63	72	75	76	73	71	71	68	69	69	71	72	75	73	69.7
Kershaw	Maximum	93	92	94	94	96	95	91	95	95	100	86	89	92	83	81	86	88	94	101	106	107	105	98	81	92	84	83	83	86	88	88	91.8
	Minimum	71	71	72	72	62	75	73	72	72	74	72	64	71	68	51	58	59	62	70	73	72	74	73	71	69	70	70	72	72	75	74	69.8
Landrum	Maximum	96	95	95	92	94	91	92	95	97	99	92	90	....	....	....	....	....	....	....	....	....	10	....	....	90	82	89	79	73	82	87	87	[i]85.8
	Minimum	68	64	66	68	70	70	68	70	70	70	74	58	....	....	56	....	....	....	....	....	....	....	....	....	72	68	70	68	66	69	71	72	[i]68.0
Laurens	Maximum	96	....	95	95	96	95	96	98	99	101	92	90	94	90	83	88	91	95	101	105	107	106	97	92	100	88	88	74	80	92	90	[a]93.8
	Minimum	66	....	65	73	74	74	73	70	73	78	72	65	68	68	56	57	57	58	65	68	69	70	69	69	70	69	72	70	72	72	72	[a]68.5
Little Mountain	Maximum	89	92	90	95	92	91	95	98	99	101	94	89	94	88	86	87	92	98	102	107	108	105	96	89	94	89	86	76	82	86	88	92.8
	Minimum	68	65	68	70	72	71	70	73	70	75	70	66	70	65	57	60	67	69	72	75	76	75	73	71	70	69	70	73	72	72	72	69.9
Newberry	Maximum	94	94	94	95	95	93	94	98	93	101	94	89	93	82	85	89	91	97	103	107	108	105	95	90	97	90	88	77	83	90	90	93.5
	Minimum	70	67	73	73	74	74	74	71	73	77	73	68	73	69	59	58	59	61	68	76	73	74	73	71	73	70	72	73	73	74	72	70.6
Saluda	Maximum	90	93	96	98	98	96	92	95	91	101	94	89	94	91	84	88	91	94	102	105	108	104	96	91	87	86	89	77	79	89	88	92.8
	Minimum	67	65	72	71	73	74	73	71	72	74	73	67	71	66	59	56	57	59	68	73	71	70	72	71	74	69	70	73	73	74	72	69.4
Santuck	Maximum	96	93	93	95	96	96	95	101	100	102	94	90	93	87	82	86	89	93	100	105	106	104	95	85	91	85	82	77	82	90	88	92.7
	Minimum	66	64	70	73	74	75	74	70	74	77	74	64	68	69	58	57	57	59	63	68	66	69	73	71	70	68	72	71	72	72	72	68.7
Spartanburg	Maximum	....	....	....	....	....	....	....	101	103	101	....	....	94	90	....	88	....	95	103	105	106	106	....	....	....	83	73	82	93	91	[o]94.6
	Minimum	64	64	68	69	70	68	70	64	70	70	68	70	64	69	54	56	60	65	66	65	67	68	67	60	61	68	68	58	65	64	70	65.5
Trenton	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Walhalla	Maximum	94	95	93	92	93	88	91	94	94	96	93	88	89	89	84	86	90	95	100	105	106	102	94	93	97	86	81	75	77	85	85	91.3
	Minimum	62	63	68	67	65	65	68	65	69	70	69	59	60	61	51	53	61	59	60	64	67	68	73	69	67	67	68	66	68	68	68	64.5
Winnsboro§§	Maximum	96	94	94	95	97	95	95	95	98	100	91	88	91	79	81	87	90	95	102	105	108	105	96	84	93	88	86	75	85	88	90	92.5
	Minimum	68	68	72	72	73	73	74	72	72	76	72	65	65	68	59	60	62	63	70	74	74	76	72	71	71	69	72	73	72	72	71	70.0
Winthrop College	Maximum	96	90	95	96	97	95	95	94	100	101	95	92	93	87	81	87	91	97	102	106	106	105	98	87	95	80	81	77	85	90	88	93.0
	Minimum	70	67	72	70	71	72	72	71	71	72	62	61	69	69	59	59	61	62	68	72	72	78	73	69	68	68	70	70	68	73	71	69.0

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 8-26 26—900

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

OCT 1 1926

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., AUGUST, 1926. No. 8.

GENERAL SUMMARY.

While there were no marked extremes, the daily mean temperatures were decidedly above normal, except during a few short periods of relatively cool weather, and the monthly average was considerably above normal. Precipitation was much below the normal, on the whole, and rather poorly distributed.

While the showers were more or less scattered during the early part of the month, all crops showed general improvement, although early corn in the old drought area was practically a failure. Corn fodder pulling made good progress. Tobacco curing was finished about the middle of the month. The backward cotton crop in the northwestern counties made rapid progress, and timely rains during the last half of the month further improved growth, blooming and fruiting, with comparatively little weevil damage, but the hopper or flea was active in some sections; elsewhere, the crop made about average advance, with generally light weevil damage, except near swamps and large wooded areas; there was comparatively little shedding and no marked deterioration; the first bale was ginned at Ridgeland on the 7th. Large quantities of watermelons, cantaloupes, and peaches were marketed, and pears, apples, grapes, and field and garden vegetables were fairly plentiful at the end of the month.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 04 inches. The highest pressure was 30.22 inches at Charleston on the 14th; the lowest pressure was 29.81 inches at Columbia on the 5th and at Charlotte, N. C., on the 19th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 35 stations, was 80.7°, or 1.8° above the 40-year normal The highest temperature was 100° at Little Mountain and Saluda on the 20th. This figure was exceeded many times in previous Augusts. The daily mean temperatures were decidedly above normal on 20 dates and were at normal or slightly below during a few short periods only. The lowest temperature was 55° at Hog Back Mountain on the 24th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 87%; noon, 62%; 8 p. m., 76%. The highest percentages occurred along the coast, and the lowest, in the northern interior.

PRECIPITATION.

The average for the Section, 43 stations reporting, was 3.46 inches, or 2.36 inches below the 40-year normal. Rainfall was recorded every day in some part of the Section, except the 28th, 29th, and 30th, but concentrated showers were confined principally to two periods during the last half of the month. Excepting a small area in Edgefield County, the total monthly amounts were uniformly below normal and rather poorly distributed, ranging downward from 5 inches to less than 2 inches. The greatest local monthly amount was 6.05 inches at Edgefield; least local monthly amount, 1.51 inches at Little Mountain. The greatest 24-hour rainfall was 2.74 inches at Due West on the 24-25th. The average number of rainy days was 30% below normal.

Killed by Lightning.—Mrs. James Cantrell, near Salem, evening, 11th; two men were injured. Mr. Wiley Campbell, in Nation section, near Abbeville, afternoon, 20th. Arthur Byars, negro boy, in Charleston, afternoon, 20th. Mrs. Minnie Jones, in Jonesville, 20th.

Severe Storms, Lightning and Hail.—A series of rather severe thunderstorms traversed sections of Spartanburg, York, Lancaster, and Kershaw Counties during the evening and night of the 20th. A cow valued at about $75 was killed by lightning near Clover, and another cow of about the same value was killed near Woodruff; several small fires were started by lightning at several points, but with slight damage. Light hail at Walhalla on the 11th caused little or no damage.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 6.1 miles. The highest average was 8.3 miles per hour at Savannah, Ga., and in the Section proper, 8.0 miles per hour at Charleston; the lowest average was 3.2 miles per hour at Charlotte, N. C., and in the Section proper, 5.9 miles per hour at Columbia. The highest velocity for any 5-minute period was 54 miles per hour from the west at Greenville.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 301.8 hours, or 73% of the possible amount. The average number of clear days was 17; partly cloudy, 10, and cloudy, 4, as against normals of 13, 11, and 7 days, respectively.

RIVER CONDITIONS.

Aside from moderate freshet conditions in the Santee River at Rimini and Ferguson and at Mars Bluff, on the Pee Dee River, during the early part of the month, the rivers of the Section were low during most of the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 19, 24, 26. *Solar:* Columbia, 24, 31; Due West, 3, 4, 25, 26, 31; Greenville, 31; Santuck, 30.

MISCELLANEOUS DATA FOR AUGUST, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.04	74.2	87	59	4.00	1.55	5.3	se.	94	59	78	46
Augusta, Ga.	30.03	82.8	98	72	1.62	0.59	3.7	s.	87	62	76	86
Charleston, S. C.	30.05	83.3	97	72	2.38	0.99	8.0	sw.	83	71	81	86
Charlotte, N. C.	30.03	80.7	97	65	5.52	1.95	3.2	sw.	84	56	68	74
Columbia, S. C.	30.03	82.4	99	68	2.68	1.48	5.9	sw	87	58	68	71
Due West, S. C.	30.07	80.2	94	68	3.47	2.74	6.7	sw.	87	60	...	63
Greenville, S. C.	30.03	79.2	92	66	4.06	1.69	7.1	sw.	85	62	73	66
Savannah, Ga.	30.05	82.8	95	71	4.07	1.96	8.3	sw	88	67	84	74
Wilmington, N. C.	30.04	81.5	94	67	8.94	3.58	6.6	sw.	84	60	82	87
Means and extremes	30.04	80.8	99	59	4.08	3.58	6.1	sw.	87	62	76	73

Climatological Data for August, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'n on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Pathologist Truc's. Sup. Co
Blackville	Barnwell	296	42	83.6	+3.1	99	18	68	23	29	3.04	−2.63	1.22	0	6	24	5	2	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	83.3	+2.3	97	31	72	21	19	2.38	−4.59	0.99	0	7	12	14	5	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	80.2	+1.6	97	19	63	†24	30	5.65	−0.95	1.87	0	8	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	36	81.7	+2.5	96	19	65	†23	28	4.36	−2.86	1.30	0	12	17	6	8	sw.	Paul Quattlebaum.
Darlington††	Darlington	175	31	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	...	....	....	....	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	3.30	−2.80	1.30	0	4	....	....	....	....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	81.0	+2.6	98	20	65	†24	29	5.49	−1.35	2.48	0	9	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	44	82.6	+2.4	99	1	62	22	26	2.96	−3.59	1.58	0	5	27	4	0	sw.	H. K. Gilbert.
Florence 2	.....do	136	11	.....	.....	.....	.....	.....	.....	.....	2.23	−3.32	1.13	5	3	20	6	5	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	[b]83.0	.....	99	30	[b]68	29	[b]30	3.39	.....	1.40	0	9	11	18	2	s.	Maner B. Robert.
Georgetown	Georgetown	18	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. P. Hazard.
Kingstree	Williamsburg	54	44	82.7	+3.2	98	31	66	†23	27	4.56	−1.74	2.00	0	5	25	0	6	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	2.00	.....	1.00	0	2	...	..	...	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	82.2	+2.5	96	†20	68	23	27	1.57	−3.35	0.68	0	7	18	10	3	sw.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	.....	3.79	−2.06	1.42	0	6	...	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. L. Utsey.
Society Hill	Darlington	192	35	[b]81.8	+3.3	[b]98	19	[a]62	27	[b]30	3.40	−2.30	0.98	0	6	24	5	2	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	81.0	+1.6	92	† 3	67	23	23	3.09	−1.33	1.13	0	9	22	8	1	s.	Dr. William Simons.
Wedgefield	Sumter	249	36	80.4	+2.6	98	19	67	22	33	3.65	−2.86	1.75	0	5	27	3	1	w.	W Hampton Ramsey
Yemassee	Hampton	24	37	81.4	+1.4	96	31	67	†24	29	4.11	−2.38	1.24	0	7	24	0	7	sw.	W. C. Hutson.
Division means and	extremes	....	....	81.9	+2.4	99	† 1	62	27	33	3.47	−2.83	2.48	0	7	21	6	4	sw.	
Western Portion.																				
Aiken	Aiken	527	64	81.4	+2.6	95	† 5	65	20	30	3.23	−2.20	1.05	0	6	23	5	3	sw.	Frank B. McCoy.
Anderson	Anderson	764	33	79.5	+1.1	93	11	67	21	24	4.60	−0.73	1.60	0	9	22	1	8	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	2.60	−2.50	1.13	0	7	..	..	..	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	70.0	.....	86	13	59	†23	26	4.71	.....	1.50	0	9	11	7	13	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	80.8	.....	98	†10	65	†26	32	2.67	−2.54	1.10	0	9	13	12	6	sw.	L. M. Parker.
Camden	Kershaw	222	76	[m]83.4	+4.5	[m]98	25	70	†24	[m]26	3.70	−1.76	1.35	0	10	....	....	....	.....	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	3.18	−2.03	1.78	0	7	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	4.61	+0.16	1.89	0	6	....	....	....	.....	George V. Clamp.
Chester††	Chester	487	4	[c]82.2	.....	[c]97	22	[c]65	6	[c]31	3.61	.....	2.01	0	4	20	4	7	ne.	J. C. Cornwell.
Clemson College	Oconee	850	34	78.8	+1.4	93	30	66	†21	27	3.40	−1.86	0.85	0	12	10	19	2	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	82.4	+2.8	99	20	68	20	31	2.68	−4.10	1.48	0	7	6	22	3	sw.	U. S. Weather Bureau.
Due West	Abbeville	711	12	80.2	+1.9	94	20	68	26	23	3.47	−1.20	2.74	0	11	8	20	3	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	6.05	+2.13	2.10	0	7	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ‡‡†††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	5.88	+0.47	2.05	0	10	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	79.2	+3.4	92	10	66	26	24	4.06	−1.82	1.69	0	11	9	19	3	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	80.8	+2.4	96	21	67	28	27	4.44	−0.75	1.64	0	12	21	0	10	w	M. M. Calhoun.
Heath Springs	Lancaster	568	24	79.6	+0.8	95	19	64	†26	30	3.83	−1.67	2.00	0	5	9	11	11	w.	J. Marvin Bowers.
Hogback Mountain	.....	.....	....	[f]73.6	.....	[f]84	13	[f]55	24	[f]20	.....	.....	1.26	0	...	...	.....	.....	w.	.....
Kershaw	Kershaw	500	10	81.2	+2.6	98	19	65	†21	28	2.75	−1.32	1.93	0	6	18	2	11	w.	John W. Hamet.
Landrum	Spartanburg	1063	11	79.0	+2.7	95	13	64	27	29	5.16	+0.35	1.21	0	11	17	10	4	sw.	R. Harlwell Wilds, D.D.S.
Laurens	Laurens	589	8	80.9	.....	97	†13	64	29	31	2.05	.....	0.69	0	8	17	14	0	sw.	L. G. Roff.
Little Mountain	Newberry	711	33	81.9	+2.6	100	20	65	24	27	1.51	−3.67	0.76	0	3	20	9	2	w.	Miss Alberta Sease.
Newberry	Newberry	502	22	81.8	+2.3	98	20	67	29	26	2.40	−2.96	1.55	0	5	15	14	2	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	3.12	−1.71	1.40	0	8	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	82.2	+3.0	100	20	67	29	30	2.24	−3.10	1.19	0	5	17	13	1	sw.	W. S. Crout.
Santuck	Union	512	33	80.8	+2.3	98	20	63	29	32	2.73	−3.00	0.97	0	8	11	18	2	sw.	E. W. Jeter.
Spartanburg††	Spartanburg	875	49	79.4	+1.9	95	†10	63	22	27	6.40	+1.81	2.00	0	10	17	0	14	.....	M. H. Daniel.
Trenton	Edgefield	620	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	78.0	+1.6	94	†10	62	†21	30	4.55	−1.72	1.47	0	10	14	14	3	sw.	H. W. Brandt.
Winnsboro	Fairfield	515	32	81.5	+3.4	97	21	67	29	26	2.83	−2.51	2.00	0	7	11	18	2	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	26	80.3	+1.9	98	20	60	30	33	3.46	−2.23	1.40	0	6	8	23	0	sw.	W. T. Clawson.
Division means and	extremes	.....	....	79.9	+1.6	100	20	55	24	33	3.46	−1.94	2.74	0	8	13	14	4	sw.	
Section means and	extremes	.....	....	80.7	+1.8	100	20	55	24	33	3.46	−2.36	2.74	0	7	17	10	4	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow. ‖Other directions also.

ERRATA.

June, 1926.—Florence No. 1, monthly mean temperature, page 22, should be 80.8; mean maximum temperature, page 24, should be 92.8.

July, 1926.—Walhalla, monthly mean temperature, page 26, should be 78.0; mean minimum temperature, page 28, should be 64.8.

Daily Precipitation for August, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort	Coast																																
Blackville ‖‖	Edisto		.10								1.22		.22								.20					1.20							3.04
Charleston ***	Const	T		T.	.31		T.			.99	.11									.09	T.	.06	T.			.45	.37						2.38
Cheraw ‖‖	Pee Dee		.84				1.87		.55						.34							.31	.23			.78	.73						5.65
Conway ‖‖	Waccamaw	.04	.08				.18	.66		.09	.25	.35	.05									.44	.23				1.30	.69					4.36
Darlington ‖‖	Pee Dee																																
Effingham ‖‖	Lynches						1.06																										
Ferguson ‖‖	Santee	.15				.05		.05		.08	.33	1.02										T.	1.23				2.48	.10					5.49
Florence 1 ‖‖	Pee Dee	.04					.53															.07	1.58				.74						2.96
Florence 2 ‖‖	do						.55															T.	1.13				.55						2.23
Garnett	Savannah	.10			.31		1.40	.18			.26	.01						T.				T.	.28			.84	.01						3.39
Georgetown	Coast																																
Kingstree ‖‖	Black							.46		.10		2.00											.25				1.75						4.56
Mars Bluff	Pee Dee																						1.00				1.00						2.00
Orangeburg	Edisto	.05	.07							.15	.15		T.	.11						T.			.36				.68	T.					1.57
Pinopolis	Cooper																																
Rimini ‖‖	Santee		.22								.55	1.42											.60				.60	.46					3.79
St. George	Edisto																																
Society Hill ‖‖	Pee Dee						.53			.90												.30	.60				.98	.09					3.40
Summerville	Ashley		.04	.01	.73		.71				.21										.02	.03	1.13				.21						3.09
Wedgefield	Wateree	.30								.55												1.75				.85	.20						3.65
Yemassee ‖‖	Ashepoo				T.	.10		.19			.80								.02				1.24		.03			1.73					4.11
Western Portion.																																	
Aiken	Edisto									.33	.52		1.03										.10			1.05	.20						3.23
Anderson	Savannah	.12	.48		.03		.22					.80										.10	.30			1.60	.95						4.60
Blairs ‖‖	Broad					.15	.30		.02													.12	1.13				.20	.68					2.60
Cesar's Head	Saluda	.83	.31		.10	.25											.55	.08	.26							.83	1.50						4.71
Calhoun Falls ‖‖	Savannah	.37	.10	.33							.04						.14	.18							.25		1.10	.16					2.67
Camden ‖‖	Wateree	.30	.02						.03	.16	.35											.04	1.10					1.35	.10				3.70
Catawba ‖‖	Catawba						.47		.10													.20	1.78				.31	.27	.05				3.18
Chappells ‖‖	Saluda	.02								.69	.33												1.09				.59	1.89					4.61
Chester	Broad					.40	.20													1.60	2.01												3.61
Clemson College	Savannah	.44	.04	.02								.71					.02	.16		.28	.05	.85	.05		.58	.20							3.40
Columbia ***	Congaree	.52							.15	T.								.09			1.48					.11	.02					.31	2.68
Due West***	Savannah	.06	.03	T.	.04	T.			T.		T.				T.	.02	.08	T.	.14		.11	.14			2.61	.16	.05						3.47
Edgefield ‖‖	Savannah		.80							.30							.16			.50		1.15				2.10	.60						6.05
Gaston Shoals ‖‖	Broad	.18	.60	.28			2.05		1.05		.01						.03					.31				.33	1.01						5.88
Greenville ***	Saluda	.41	.04		T.	.01		.90			.11	.01				T			.06		.17				.74	1.60	.01	T.					4.06
Greenwood ‖‖	do	.16	.10				.11				.18					.07	.69				.07	.81	.24			1.64	.35	.02					4.44
Heath Springs	Wateree								.60												2.00					1.00	.16					.07	3.83
Hogback Mountain																	.20		.45	.35	.40	.15	.02		.60	.10	1.26					.01	
Kershaw ‖‖	Lynches	.03					.13		.18													1.93					.33	.15					2.75
Landrum	Broad	.56	.24					.07			.18							.35	.32	.61	.15	1.09			.28		1.21							5.16
Laurens	Saluda	.21	.12							.40		T.									.10	.19			.25	.69	.09						2.05
Little Mountain	Saluda					T.																.76				.58	.17						1.51
Newberry	Saluda	T								.13											.25	.29				1.55	.18						2.40
Pelzer ‖‖	do	.24	.14	.06			.38					.38										.02				1.40	.50						3.12
Saluda	do	.31							.05											T.		.33				1.19	.36						2.24
Santuck	Broad				.30	T.	.07		.04	T.										.15	.97	.59				.11	.50						2.73
Spartanburg ‖‖	do	.25	.30				1.02	.05				.18									.04	1.40			.33	.80	2.00						6.40
Trenton	Edisto																																
Walhalla	Savannah	.24			.03	T.						1.47							.35	T.	.25	.65	.41			.60	.32	.23						4.55
Winnsboro ‖‖	Broad		.27				.14				.01											2.00				.17	.14	.10					2.83
Winthrop College	Catawba								.56												1.40	.28			.40	.50	.32						3.46

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.8	101	49	6.54	11				
1888	77.8	102	50	4.53	10				sw.
1889	74.4	97	45	6.37	12				se.
1890	77.1	96	51	4.25	9				s.
1891	78.9	98	55	8.79					sw.
1892	79.5	96	59	4.42					sw.
1893	77.5	97	57	12.45	13	10	9	12	ne.
1894	77.9	102	55	7.28	11	10	13	8	sw.
1895	79.4	101	55	7.95	13	9	14	8	sw.
1896	80.4	105	52	4.14	7	14	12	5	sw.
1897	78.0	102	57	5.16	9	13	9	9	sw.
1898	78.7	99	57	9.81	18	8	11	12	sw.
1899	81.2	103	59	6.26	10	12	11	8	sw.
1900	83.6	106	60	2.13	5	21	9	1	sw.
1901	78.6	97	57	9.01	15	7	14	10	s.
1902	78.6	104	55	5.07	12	14	10	7	sw.
1903	80.6	105	60	7.15	12	15	9	7	sw.
1904	77.6	102	54	8.47	14	12	9	10	sw.
1905	77.9	107	46	5.69	11	15	8	8	sw.
1906	80.6	100	60	6.62	15	7	17	7	sw.
1907	79.4	101	54	5.41	9	13	13	5	sw.
1908	78.6	100	49	9.11	10	12	11	8	s.
1909	78.8	104	53	4.83	8	15	12	4	ne.
1910	79.0	101	60	6.00	10	11	12	8	ne.
1911	80.0	104	51	6.05	12	10	15	6	sw.
1912	79.2	104	54	3.69	9	16	8	7	sw.
1913	78.9	104	52	3.76	9	15	9	7	sw.
1914	79.0	101	56	5.88	13	9	15	7	sw.
1915	78.8	102	52	7.62	14	11	11	9	sw.
1916	79.6	100	58	3.27	8	16	10	5	sw.
1917	78.5	102	49	3.23	8	15	10	6	sw.
1918	80.2	106	52	4.45	7	20	7	4	sw.
1919	78.5	103	53	5.08	9	14	11	6	sw.
1920	77.7	100	56	8.08	14	8	12	11	sw.
1921	78.2	102	56	4.14	10	14	10	7	ne.
1922	76.4	98	49	5.07	11	12	8	11	ne.
1923	79.3	101	54	7.44	12	11	11	9	sw.
1924	80.4	105	53	2.86	6	18	9	4	w.
1925	80.2	109	53	1.48	4	21	7	3	ne.
1926	80.7	100	55	3.46	7	17	10	4	sw.
Period	78.9	109	45	5.82	10	13	11	7	sw.

Daily Temperatures for August, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blackville	Maximum	93	95	94	96	97	92	95	94	91	94	94	93	96	97	96	95	97	94	99	98	93	90	92	97	94	89	93	95	97	97	98	94.
	Minimum	73	71	71	75	75	73	72	74	76	73	72	74	75	76	72	72	72	73	74	75	69	72	68	70	74	71	72	71	71	70	71	72.
Charleston	Maximum	88	88	91	91	95	91	92	91	87	86	87	89	90	91	91	90	92	89	92	94	91	89	83	88	88	88	87	91	90	91	97	89.
	Minimum	79	79	78	78	77	78	74	80	76	75	74	80	78	78	79	79	78	77	79	75	72	74	72	76	75	76	76	77	77	75	78	76.
Cheraw§§	Maximum	91	91	89	95	88	89	90	87	89	86	91	91	95	94	93	93	94	93	97	89	86	86	87	91	83	80	92	90	95	93	93	90.
	Minimum	72	71	73	72	73	67	67	69	69	72	73	72	74	72	73	74	73	72	72	74	70	67	65	63	70	68	63	65	65	67	72	70.
Conway	Maximum	90	91	93	92	85	91	92	90	91	90	90	90	94	95	94	94	94	93	96	94	90	89	89	93	93	83	91	94	95	95	95	91.
	Minimum	73	73	74	74	73	70	70	75	75	75	73	71	73	72	70	74	74	73	75	74	70	68	65	67	70	70	65	71	69	69	74	71.
Darlington§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ferguson§§	Maximum	94	90	92	94	95	93	94	95	84	90	91	93	94	92	94	93	93	92	95	98	89	87	88	91	90	89	90	96	95	91	95	92.
	Minimum	70	72	70	73	71	71	69	69	71	73	70	78	72	70	67	69	74	71	73	73	69	69	67	65	67	68	66	67	66	65	71	69.
Florence I	Maximum	99	94	91	93	94	90	92	94	91	93	95	97	96	94	96	94	94	93	95	95	86	88	88	93	88	80	89	91	94	93	94	92.
	Minimum	75	74	75	75	75	70	72	76	73	74	74	76	76	75	73	75	75	75	76	74	70	62	67	70	72	72	65	71	70	75	76	72.
Garnett	Maximum	94	95	93	....	95	95	94	95	95	94	94	96	94	97	96	96	96	95	96	97	93	94	93	96	97	87	93	98	97	99	98	[a]95.
	Minimum	72	71	72	....	72	69	69	....	75	75	70	72	71	70	70	71	72	71	73	73	70	71	70	69	72	70	70	69	68	69	72	[b]71.
Georgetown	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Kingstree	Maximum	91	91	93	95	95	93	93	92	90	88	91	93	94	94	95	94	94	95	96	97	87	95	91	94	97	86	92	94	94	96	98	93.
	Minimum	73	73	73	75	74	71	71	75	73	75	70	73	74	73	70	74	75	74	75	75	70	70	66	70	71	72	66	71	69	72	75	72.
Orangeburg 1	Maximum	93	92	91	93	95	91	93	94	91	90	92	93	94	95	95	95	95	93	95	96	89	88	87	94	94	87	91	93	94	96	96	92.
	Minimum	73	71	72	75	74	72	71	71	72	76	70	72	73	72	71	72	72	72	73	73	70	72	68	69	72	72	71	70	69	70	72	71.
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Society Hill§§	Maximum	94	93	93	96	95	90	93	....	91	94	....	95	97	96	96	94	95	94	98	93	86	87	88	92	89	78	92	92	95	95	94	[b]92.
	Minimum	73	75	75	73	74	69	71	72	70	72	73	....	73	74	73	75	74	74	74	72	70	67	66	65	71	69	62	63	66	72	72	[a]71.
Summerville	Maximum	90	88	92	88	92	90	91	91	86	88	89	91	92	92	92	91	90	91	91	92	89	88	87	90	90	87	90	92	91	92	92	90.
	Minimum	73	73	72	72	72	73	70	74	74	74	70	72	74	72	70	72	73	73	74	74	69	71	67	70	71	71	72	71	70	70	71	71.
Wedgefield	Maximum	92	90	90	93	93	89	93	92	90	94	93	93	93	93	94	93	95	95	98	90	89	87	90	90	86	93	94	93	94	90	93	92.
	Minimum	73	72	72	74	73	70	72	72	74	75	70	72	74	73	72	74	73	74	73	69	69	67	69	71	72	68	73	70	70	72	73	71.
Yemassee	Maximum	91	91	93	91	94	93	92	93	92	93	93	83	93	93	93	92	90	92	94	95	92	92	90	92	92	87	91	94	93	94	96	92.
	Minimum	72	70	71	70	72	72	67	72	73	74	69	71	71	69	69	70	73	70	72	72	68	73	68	67	71	69	70	70	69	67	72	70.
Western Portion.																																	
Aiken	Maximum	88	90	91	93	95	90	91	93	90	90	91	90	91	90	93	91	92	90	92	95	94	93	88	80	90	90	92	94	92	93	93	91.
	Minimum	68	70	72	73	75	72	71	74	73	72	72	71	73	68	70	69	70	68	74	65	82	80	71	73	73	73	76	70	68	68	72	71.
Anderson	Maximum	84	85	85	89	90	87	90	85	87	92	93	90	91	89	89	87	87	90	91	91	89	85	87	87	82	81	89	88	90	92	91	88.
	Minimum	71	72	70	71	71	70	72	75	72	72	72	71	74	72	72	69	69	72	72	70	67	69	70	72	70	68	69	70	68	72	72	70.
Caesar's Head	Maximum	73	72	78	80	79	79	78	82	80	81	83	84	86	83	83	79	78	80	82	81	80	77	78	78	73	75	74	82	84	82	80	79.
	Minimum	63	62	63	61	61	61	61	61	60	60	60	60	60	60	63	65	60	68	60	60	60	60	59	60	59	59	59	59	59	59	59	60.
Calhoun Falls§§	Maximum	89	90	90	95	95	96	95	94	93	98	96	96	95	95	95	96	98	97	96	97	98	88	96	93	85	85	93	96	96	98	91	94.
	Minimum	69	68	69	68	66	68	68	69	68	68	68	68	68	69	68	69	66	68	68	67	68	67	68	68	66	65	66	65	67	68	68	67.
Camden§§	Maximum	....	....	....	....	96	....	....	96	....	....	95	96	....	....	....	....	92	92	90	92	96	....	91	92	93	....	88	94	96	97	96	[m]93.
	Minimum	74	73	73	74	76	75	74	75	77	77	75	75	74	76	76	75	74	74	73	74	72	73	72	70	70	70	70	70	73	71	72	73.
Chester	Maximum	92	92	92	93	92	90	92	93	87	96	96	96	94	96	....	....	....	96	96	96	96	97	94	94	96	....	....	96	96	94	96	[c]94.
	Minimum	70	71	71	71	68	65	68	71	71	75	76	75	75	76	....	....	....	71	70	70	70	72	68	68	70	....	....	65	65	65	66	[c]70.
Clemson College	Maximum	83	86	85	90	89	87	91	87	89	92	92	90	91	91	91	89	87	89	91	91	86	82	85	85	82	81	89	89	91	93	90	88.
	Minimum	70	74	69	69	69	68	71	73	72	71	72	68	71	70	71	70	69	72	69	68	66	67	71	69	70	68	68	66	66	68	71	69.
Columbia	Maximum	90	91	89	94	94	91	92	90	88	94	92	92	93	93	94	92	94	92	95	99	90	88	88	92	87	84	92	93	94	95	93	91.
	Minimum	72	73	72	74	76	71	73	75	74	76	72	75	75	75	74	73	73	72	75	68	69	72	71	73	74	73	72	73	71	73	75	73.
Due West	Maximum	87	88	86	90	91	88	92	87	88	94	92	93	94	92	92	88	90	90	93	94	89	85	88	90	82	81	89	89	89	91	92	89.
	Minimum	70	72	70	72	71	70	72	75	73	71	72	70	74	72	70	70	70	72	70	71	70	69	69	71	70	68	70	70	68	72	72	70.
Greenville	Maximum	84	86	85	89	91	88	90	83	87	92	92	90	92	90	92	90	92	88	92	92	85	86	87	81	81	80	89	89	91	91	88	87.
	Minimum	71	70	68	70	72	69	72	73	70	74	72	70	74	73	72	70	70	70	70	68	66	70	70	70	67	66	70	68	73	71	75	70.
Greenwood	Maximum	89	88	88	88	93	92	92	92	93	90	95	94	95	94	93	94	89	91	90	94	96	90	90	90	90	84	88	90	92	93	95	91.
	Minimum	71	71	69	72	71	70	72	74	72	72	71	70	73	72	71	69	69	71	70	73	69	69	68	71	69	68	69	67	68	71	72	70.
Heath Springs	Maximum	88	87	86	92	92	91	90	84	85	89	90	90	92	93	93	91	92	93	95	91	86	84	84	89	89	79	82	94	93	93	90	89.
	Minimum	72	71	70	72	72	69	70	70	70	73	70	73	71	73	73	73	72	71	73	74	65	65	65	68	67	64	64	68	67	73	72	70.
Hogback Mountain	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	84	82	82	78	80	76	80	79	72	70	70	72	71	71	80	79	80	79	76	[l]81.
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	70	70	69	64	62	60	65	63	60	59	64	55	60	57	62	60	62	63	62	[l]65.
Kershaw	Maximum	90	90	90	92	93	89	93	86	88	91	95	94	96	96	97	95	95	94	98	95	85	86	85	91	84	84	88	90	94	92	90	91.
	Minimum	72	72	71	73	73	69	73	71	71	74	71	74	75	74	73	74	73	72	74	75	65	67	68	70	72	68	65	68	66	71	73	71.
Landrum	Maximum	83	86	86	90	91	89	92	86	89	92	92	93	95	92	92	90	88	89	92	90	83	86	86	81	86	84	90	90	94	91	89	88.
	Minimum	70	71	68	70	70	67	69	71	68	70	70	69	71	71	70	72	70	72	69	68	65	70	69	69	70	65	64	65	65	73	71	69.
Laurens	Maximum	91	90	89	92	93	89	93	87	89	94	94	96	97	95	94	94	92	92	95	97	87	89	91	94	85	81	91	91	95	91	93	91.
	Minimum	71	72	70	71	71	70	70	71	71	71	71	74	74	71	69	70	70	71	70	70	69	70	69	70	69	68	69	67	64	71	71	70.
Little Mountain	Maximum	90	91	89	94	94	92	93	90	87	96	94	98	96	96	97	96	95	94	96	100	95	92	90	89	88	87	92	95	96	95	96	93.
	Minimum	71	70	70	71	72	68	71	74	73	73	71	71	73	72	72	74	70	69	71	73	70	68	66	65	69	68	69	69	70	71	70	70.
Newberry	Maximum	90	91	89	93	94	92	93	90	87	96	93	95	95	94	96	90	93	92	95	98	91	90	91	93	86	83	92	92	93	90	93	91.
	Minimum	72	72	71	73	74	71	72	76	73	73	73	73	75	73	73	75	73	72	72	72	73	71	71	71	72	71	70	69	69	67	71	73.
Saluda	Maximum	90	88	91	94	94	91	93	91	87	94	94	96	96	96	97	94	95	92	97	100	95	89	90	93	89	85	91	93	94	95	95	92.
	Minimum	72	72	70	73	72	71	73	75	75	72	72	71	75	73	72	72	71	71	71	74	70	69	68	70	72	71	68	68	67	72	71	71.
Santuck	Maximum	89	89	89	94	93	91	93	86	88	95	94	96	95	95	92	93	92	91	97	98	90	88	88	81	87	81	91	92	93	95	93	91.
	Minimum	72	72	70	71	70	68	70	73	71	72	71	75	72	71	72	71	70	72	71	71	69	70	70	71	70	68	67	65	63	70	70	70.
Spartanburg	Maximum	90	89	87	90	90	90	91	88	94	95	94	93	95	94	93	91	92	95	93	85	88	87	85	83	82	91	91	91	90	92	91	90.
	Minimum	68	65	66	70	68	70	71	70	71	72	71	70	70	71	70	68	70	72	70	69	67	63	68	67	68	66	65	66	64	64	71	69.
Trenton	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Walhalla	Maximum	81	86	86	90	90	89	91	85	90	94	93	90	91	91	91	88	88	90	92	91	88	85	87	81	85	84	90	90	93	94	90	88.
	Minimum	68	70	66	65	68	66	68	72	70	69	68	65	69	68	68	68	67	68	67	66	62	66	70	69	68	65	62	63	65	65	68	67.
Winnsboro§§	Maximum	91	90	90	92	93	90	92	88	91	95	94	95	95	94	94	92	92	93	91	95	94	97	88	87	91	86	80	91	92	93	94	93.
	Minimum	72	71	70	72	73	69	71	72	73	72	72	74	74	74	73	72	72	72	71	73	74	73	75	69	71	70	69	69	69	67	70	73.
Winthrop College	Maximum	91	89	90	84	92	90	93	87	90	94	93	95	96	94	95	91	93	92	95	98	87	85	90	89	86	81	91	92	92	93	91	91.
	Minimum	70	71	70	70	72	68	71	69	69	71	74	73	74	72	77	72	71	71	70	67	66	68	69	67	70	66	67	68	67	60	72	69.

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.
§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 9-27-26—900

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., SEPTEMBER, 1926. No. 9.

GENERAL SUMMARY.

The month was unusually warm, the daily mean temperatures falling below normal on but three days. Rainfall, on the whole, was decidedly below the September average.

Cotton, while somewhat backward in the Piedmont, matured rapidly, and generally maintained good condition throughout the month. Weevil activity was held in abeyance by the prevailing dry weather, but worms, caterpillars, and flees caused considerable damage in some sections, especially in northwestern districts. Picking was somewhat retarded by scarcity of labor, but was making satisfactory progress during the closing days. A fairly good corn crop practically had been made by the end of the month, and sweet potatoes and peanuts were being harvested. Molasses making was begun in some of the western counties. Due to hard, dry soil, plowing and planting of winter cereals were suspended, except in scattered local areas, where moisture conditions were favorable. Gardens and pastures were deteriorating rapidly and were becoming parched during the latter half of the month. Apples and pears were plentiful and of good quality. J. F. J.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 08 inches. The highest pressure was 30.32 inches at Charlotte, N. C., on the 27th, and in the Section proper, 30.29 inches at Due West on the same date; the lowest pressure was 29.87 inches at Charleston on the 13th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 77.0°, or 2.6° above the normal The highest temperature was 101° at Garnett on the 3d. The lowest temperature was 52° at Caesar's Head on the 27th and 28th. Temperatures ranged from 5° to 13° above normal on all but three days of the month, the only appreciable cool period occurring on the 27th, when temperatures were from 5° to 10° below normal.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 86%; noon, 61%; 8 p. m., 72%. The highest percentages occurred along the coast and the lowest in the interior.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 2.29 inches, or 1.67 inches below the normal. Rainfall was light, scattered, and unevenly distributed, and occurred principally during the first eleven days. Except in a considerable area of the coastal plain and in a small area of the higher elevations of the Piedmont, rainfall was below normal over the Section, the amounts ranging downward from over 5 inches in portions of Dorchester, Horry, and upper Spartanburg Counties, to less than one-half inch in Lancaster, York, Cherokee, and lower Spartanburg Counties. The greatest local monthly amount was 6.52 inches at Caesar's Head; least local monthly amount, 0.18 inch at Hogback. The greatest 24-hour rainfall was 4.30 inches at Hogback Mountain on the 11th. The average number of rainy days was 43% below normal.

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WIND.

The prevailing winds were from the northeast. The average hourly velocity, determined from 9 anemometer records, was 6.1 miles. The highest average was 9.3 miles per hour at Charleston; the lowest average was 3.3 miles per hour at Charlotte, N. C., and in the Section proper, 5.1 miles per hour at Columbia. The highest velocity for any 5-minute period was 36 miles per hour from the east at Savannah, Ga., on the 18th, and in the Section proper, 34 miles per hour from the east at Charleston on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 251.4 hours, or 68% of the possible amount. The average number of clear days was 17; partly cloudy, 7, and cloudy, 6, as against normals of 16, 8, and 6 days, respectively.

RIVER CONDITIONS.

The various rivers of the Section reflected the prevailing dry weather, the stages falling below zero at Columbia and Cheraw toward the close of the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 16; Columbia, 17, 19; Due West, 17, 19; Greenville, 19. *Solar:* Columbia, 20; Due West, 7, 19, 20; Greenville, 19, 20.

ERRATA.

August, 1926.—Spartanburg, total monthly precipitation, pages 30 and 31, should be 6.37.

MISCELLANEOUS DATA FOR SEPTEMBER, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.10	71.5	86	54	0.94	0.25	5.8	se.	94	62	80	40
Augusta, Ga.....	30.06	80.0	97	65	0.96	0.48	3.7	e.	85	57	73	80
Charleston, S. C...	30.06	79.4	95	66	2.66	0.85	9.3	ne.	83	72	79	78
Charlotte, N. C ...	30.09	76.3	94	54	0.05	0.01	3.3	ne.	84	55	66	68
Columbia, S. C....	30.08	78.6	98	61	1.09	0.50	5.1	ne.	86	56	68	70
Due West, S. C....	30.11	77.0	95	59	0.69	0.46	6.1	ne.	87	60	....	59
Greenville, S. C...	30.08	75.8	92	56	1.44	0.82	6.9	ne.	85	63	73	67
Savannah, Ga.....	30.05	79.6	97	65	6.01	2.75	9.0	ne.	87	64	80	67
Wilmington, N. C.	30.09	76.5	97	60	1.70	1.20	5.6	ne.	86	62	61	80
Means and extremes	30.08	77.2	98	54	1.73	2.75	6.1	ne.	86	61	72	68

Climatological Data for September, 1926.

Stations.	Counties.	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Pathologist True's. Sup. Co.
Blackville	Barnwell	296	42	79.0	+3.4	100	† 1	60	†12	30	2.35	−1.73	1.20	0	3	23	2	6	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	79.4	+2.8	95	2	66	27	19	2.66	−2.80	0.85	0	7	8	14	8	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	141	44	76.0	+2.9	95	2	58	†19	33	3.03	−0.54	1.79	0	3	.....	.....	.....	....	Roland D. Powe.
Conway	Horry	25	36	77.6	+3.4	97	3	60	15	31	5.03	+0.24	1.17	0	7	19	3	8	se.	Paul Quattlebaum.
Darlington	Darlington	175	31	[a]78.1	+4.1	[a]98	3	[a]58	25	[a]35	2.64	−1.30	1.55	0	4	20	6	4	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	2.08	−1.93	1.34	0	4	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	76.4	+2.4	100	1	56	24	34	4.64	+0.86	2.02	0	4	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	44	78.2	+3.6	96	1	61	27	31	1.93	−2.16	1.04	0	5	21	4	5	sw.	H. K. Gilbert.
Florence 2	....do	136	11	.....	.....	.....	.....	.....	.....	.....	2.45	−1.54	1.09	0	5	15	6	9	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	[a]80.1	.....	[a]101	3	[a]62	†13	[a]33	1.68	.....	0.53	0	8	12	12	6	.....	Maner B. Robert.
Georgetown	Georgetown	18	33	76.3	+0.4	98	† 1	55	25	36	4.19	+0.03	1.40	0	7	19	9	2	....	A. P. Hazard.
Kingstree	Williamsburg	54	44	78.1	+3.8	96	3	61	12	30	4.60	+0.50	3.40	0	3	23	1	6	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	1.70	.....	1.00	0	2	.....	.....	.....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	78.0	+2.5	98	2	62	†12	31	1.06	−2.61	0.43	0	4	19	6	5	ne.	U.S. Fisheries Station.
Pinopolis	Berkeley	51	79	75.5	+1.6	92	2	65	†15	.....	3.90	−0.68	3.00	0	3	19	9	2	e.	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	...	2.62	−1.19	1.80	0	2	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. L. Utsey.
Society Hill	Darlington	192	35	76.9	+3.8	96	3	57	†25	31	1.66	−2.32	0.92	0	3	26	0	4	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	77.6	+2.9	95	† 1	62	16	27	5.08	+0.61	3.06	0	7	13	10	7	s.	Dr. William Simons.
Wedgefield	Sumter	249	36	78.5	+4.6	93	3	62	†12	30	3.93	+0.46	1.20	0	7	24	4	2	w.	W Hampton Ramsey
Yemassee	Hampton	24	57	78.6	+3.3	97	† 1	62	13	30	1.47	−2.57	0.61	0	6	18	1	11	ne.	W. C. Hutson.
Division means and extremes	.....	.....	.....	77.7	+3.3	101	3	55	25	36	2.94	−1.17	3.40	0	5	18	6	6	ne.	
Western Portion.																				
Aiken	Aiken	527	64	79.2	+5.0	96	3	63	†16	25	2.31	−1.07	1.57	0	4	17	5	8	ne.	Frank B. McCoy.
Anderson	Anderson	761	33	77.1	+3.4	94	13	57	27	30	0.73	−2.26	0.45	0	2	20	0	12	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	1.45	−1.35	1.34	0	3	.....	.....	.....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	67.4	.....	85	2	52	†27	26	6.52	.....	3.05	0	5	6	8	16	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	78.2	.....	98	† 1	57	28	38	1.05	−2.85	0.90	0	2	11	4	12	w.	L. M. Parker.
Camden	Kershaw	222	76	79.6	+3.8	97	† 2	61	28	31	2.16	−1.50	1.80	0	4	24	1	5	ne.	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	0.75	−2.68	0.75	0	1	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	2.07	−1.07	1.38	0	4	.....	.....	.....	.....	George V. Champ.
Chester††	Chester	487	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	34	[a]76.4	+4.2	[a]95	2	[a]58	27	[a]27	2.96	−1.00	1.97	0	5	16	11	0	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	78.6	+4.1	98	3	61	27	25	1.09	−2.36	0.50	0	4	17	5	8	ne	U. S. Weather Bureau.
Due West	Abbeville	711	12	77.0	+3.6	95	3	59	27	26	0.69	−2.17	0.46	0	4	12	10	8	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	0.55	−2.17	0.15	0	2	.....	.....	.....	.....	D. W. Sharpe.
Gaston Shoals ‡‡††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	0.50	−2.67	0.42	0	2	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	75.8	+4.8	92	2	56	27	23	1.44	−2.35	0.82	0	5	9	14	7	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	78.2	+5.1	96	4	60	†27	36	0.95	−2.71	0.77	0	3	18	0	12	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	24	75.9	+2.8	93	2	56	27	30	0.18	−2.81	0.18	0	1	15	5	10	w	J. Marvin Bowers.
Hogback Mountain	.....	.....	.....	68.7	.....	84	2	53	27	26	5.70	.....	4.56	0	9	17	12	1	nw.	.....
Kershaw	Kershaw	500	10	78.0	+3.8	96	† 3	58	27	32	0.89	−1.17	0.52	0	4	16	2	12	e.	John W. Hamel.
Landrum	Spartanburg	1063	11	76.0	+4.1	93	2	56	27	32	5.75	+1.09	2.32	0	5	16	11	3	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	77.2	.....	98	3	58	27	33	0.64	.....	0.63	0	2	11	15	1	ne.	L. G. Roff.
Little Mountain	Newberry	711	33	77.5	+2.8	96	† 1	59	†27	31	2.56	−0.28	1.30	0	4	10	15	5	s.	Miss Alberta Sease.
Newberry	Newberry	502	22	78.8	+4.6	96	1	60	27	34	2.34	−0.53	1.57	0	3	16	10	4	ne.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	1.40	−2.04	0.96	0	6	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	77.6	+3.5	97	† 1	58	25	33	2.76	−0.32	0.88	0	7	14	15	1	s.	W. S. Cront.
Santuck	Union	512	33	77.2	+1.0	96	† 1	58	†11	38	1.21	−2.15	0.82	0	3	17	10	3	se.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	74.6	+2.6	92	1	56	27	27	0.25	−3.03	0.15	0	2	18	1	11	.....	M. H. Daniel.
Trenton	Edgefield	620	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	75.7	+4.9	95	† 1	57	27	34	3.62	−1.35	1.65	0	9	16	7	7	ne.	H. W. Brandt.
Winnsboro	Fairfield	515	32	78.2	+5.0	97	3	60	†27	36	0.87	−2.47	0.45	0	4	16	8	6	se.	Rev. Oliver Johnson.
Winthrop College ‡‡	York	690	26	76.6	+4.0	96	† 3	55	27	38	0.35	−2.67	0.20	0	2	9	19	2	s.	W. T. Clawson.
Division means and extremes	.....	.....	.....	76.5	+3.3	98	† 1	52	†27	38	1.85	−2.03	3.05	0	4	16	8	6	ne.	
Section means and extremes	.....	.....	.....	77.0	+2.6	101	3	52	†27	38	2.29	−1.67	3.40	0	4	17	7	6	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow. ‖Other directions also.

Daily Precipitation for September, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort	Coast																																
Blackville ‖	Edisto							1.20				.90																.25					2.35
Charleston ***	Coast					.85		.62	T.	.01	.32									.55		.28					T						2.66
Cheraw ‖	Pee Dee		.12						1.12		T.	1.79																					3.03
Conway ‖	Waccamaw	1.17	.41			2.00			.20			.82															.35	.08					5.03
Darlington ‖	Pee Dee		.50			.55						1.55																.04					2.64
Effingham ‖	Lynches		1.34			.41			.21			.12																T.					2.08
Ferguson ‖	Santee			1.50			2.00	T.				.80									T.						.32					4.64
Florence 1 ‖	Pee Dee		.14			.22			.49			1.04																.04					1.93
Florence 2 ‖	do		.81			1.09			.07			.45												T.				.03					2.45
Garnett	Savannah			.27	.01				T.		.42	.10						T.	.03	.53	.01	.31											1.68
Georgetown	Coast	.36	.80		1.40			.70			.50						.33			.10	T.												4.19
Kingstree ‖	Black	.15	3.40								1.05							T										T.					4.60
Mars Bluff	Pee Dee	1.60							.70																								1.70
Orangeburg	Edisto							.43				.32							T.			T	.28					.03					1.06
Pinopolis	Cooper						.50	.40			3.00																						3.90
Rimini ‖	Santee		.82									1.80																					2.62
St. George	Edisto																																
Society Hill ‖	Pee Dee		.43						.31		.92																						1.66
Summerville	Ashley			.72		1.08		.02	.02		3.06											.15						.03					5.08
Wedgefield	Wateree		1.10			.58	.10	.35	.55	.05		1.20																					3.93
Yemassee ‖	Ashepoo				.51					.18		.61									.05	.09	.03										1.47
Western Portion.																																	
Aiken	Edisto				.27			1.57	.11													.36											2.31
Anderson	Savannah																					.28		.45									0.73
Blairs ‖	Broad					.02	.09	1.34																			T.						1.45
Cesar's Head	Saluda			.71					1.07		3.05											1.55					.14						6.52
Calhoun Falls ‖	Savannah							.90			T.											.15											1.05
Camden ‖	Wateree	.08	.13					.15				1.80																					2.19
Catawba ‖	Catawba							.75																									0.75
Chappells ‖	Saluda					.09	1.38	.48															.12										2.07
Chester	Broad																																
Clemson College	Savannah	.02			.73			.01		.23													1.97										2.96
Columbia ***	Congaree				.06		.50				.15											T.					.08						1.09
Due West***	Savannah	T.			T.		.06				.05											.25	.33						T.				0.69
Edgefield ‖	Savannah				.15		.12				.10																						0.55
Easton Shoals ‖	Broad														.08																		0.50
Greenville ***	Saluda				.04		.37				T.	.82											.18	T.			.03						1.44
Greenwood ‖	do					.77	.10	.08																									0.95
Heath Springs	Wateree	.18																															0.18
Hogback Mountain		.04				.02	.35			.36		4.50							.02				.14							.02	.25		5.70
Kershaw ‖	Lynches		.15					.02	.20			.52																					0.89
Landrum	Broad	2.02				.91	.29					2.32																.21						5.75
Laurens	Saluda	.01			T.																	T.					.63						0.64
Little Mountain	Saluda	.33			1.30		.90	.03																									2.56
Newberry	Saluda				1.57		.75		T.													.69											2.34
Pelzer ‖	do							.08				.04	.08									.02	.22				.96						1.40
Saluda	do			T.	.88	.26	.83	.10			T.											.30	.06				.33						2.76
Santuck	Broad	.17		T.	.82	.22																											1.21
Spartanburg ‖	do					.10																								.15			0.25
Trenton	Edisto																																
Valhalla	Savannah	.08				.45	.05			.25	T.	1.65										.35	.35	.56			.08						2.62
Winnsboro ‖	Broad		.45				.10	.11																									0.87
Winthrop College	Catawba					.15	.20																										0.35

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.	Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.2	101	34	1.12	4				e.	1908	72.4	94	40	2.86	4	15	9	6	ne.
1888	69.6	93	31	9.86	13				nw.*	1909	72.0	98	39	3.74	7	13	9	8	ne.
1889	72.1	98	40	3.34	5				se.	1910	75.8	103	46	3.10	7	15	12	3	ne.
1890	72.9	98	49	7.84	16				ne.	1911	78.9	100	50	3.33	8	13	13	4	sw.
1891	74.3	92	50	2.66					ne.	1912	77.0	109	47	5.91	11	10	7	13	e.
1892	72.5	93	40	6.41					ne.	1913	71.7	99	40	4.66	9	14	7	9	ne.
1893	74.7	98	46	4.42	7	14	7	9	sw	1914	71.3	101	43	3.63	7	14	9	7	ne.
1894	75.0	100	52	6.51	12	12	10	8	ne.	1915	75.9	102	43	2.58	5	16	8	6	ne.
1895	76.9	106	35	1.29	4	17	8	5	ne.	1916	72.2	99	35	2.56	7	17	8	5	ne.
1896	75.0	105	39	2.94	5	17	8	5	ne	1917	71.2	98	40	5.75	10	12	8	10	ne.
1897	73.3	100	42	2.91	4	17	7	6	n	1918	69.8	96	36	3.87	7	18	5	7	ne.
1898	76.0	96	48	4.06	7	12	10	8	ne.	1919	74.1	99	45	0.97	2	22	6	2	ne.
1899	72.8	102	34	2.55	6	17	8	5	ne	1920	75.5	100	46	5.42	7	16	8	6	ne.
1900	77.1	100	45	2.83	5	19	8	3	ne.	1921	80.0	104	57	3.42	6	19	8	3	sw.
1901	73.1	98	46	4.66	6	15	8	7	ne.	1922	75.2	100	47	1.15	3	18	8	4	ne.
1902	72.1	98	43	3.74	8	13	9	8	sw.	1923	75.5	99	50	2.67	6	16	9	5	ne.
1903	72.7	100	41	3.62	5	17	7	6	ne.	1924	70.5	100	41	12.74	15	12	5	13	ne.
1904	75.8	101	44	2.46	4	19	7	4	ne.	1925	81.7	111	55	1.86	5	17	9	4	s.
1905	76.2	98	49	1.91	4	16	8	6	ne.	1926	77.0	101	52	2.29	4	17	7	6	ne.
1906	78.0	98	55	4.85	9	10	12	8	ne.										
1907	76.0	99	45	5.91	9	13	11	6	w.	Period	74.4	111	31	3.96	7	16	8	6	ne.

*Also e. and s.

Daily Temperatures for September, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Eastern Portion.																																	
Beaufort	Maximum																																
	Minimum																																
Blackville	Maximum	100	100	100	100	90	98	91	90	93	89	85	88	93	89	84	89	85	82	87	85	85	94	94	93	95	90	74	85	90	93	....	90.
	Minimum	73	71	73	70	72	70	66	73	70	70	69	66	63	65	68	61	67	65	69	70	72	75	67	63	67	72	61	60	63	65	....	67.
Charleston	Maximum	92	95	93	88	86	86	87	87	87	84	85	90	84	83	82	84	85	85	79	82	82	84	83	82	85	87	78	82	83	86	....	85.
	Minimum	79	77	78	77	76	77	75	75	76	71	72	71	71	75	67	68	74	76	71	76	75	74	74	75	74	76	66	66	72	73	....	73.
Cheraw§§	Maximum	92	95	93	87	90	91	93	86	90	86	81	86	92	83	80	85	90	80	81	84	88	86	88	89	90	85	74	80	87	88	...	86.
	Minimum	70	70	69	72	70	70	69	67	68	72	65	59	59	68	59	59	63	67	58	69	68	65	68	65	58	67	58	60	61	65	....	65.
Conway	Maximum	92	94	97	87	89	90	87	90	89	92	84	87	92	86	83	88	89	81	88	86	87	90	89	89	89	91	79	82	87	90	....	88.
	Minimum	70	70	74	74	70	70	73	68	71	70	70	61	64	66	60	62	66	70	63	68	68	66	68	61	62	70	61	63	64	67	....	67.
Darlington§§	Maximum	95	96	98	90	91	94	94	94	94	90	85	88	94	88	85	89	95	84	84	90	....	94	92	92	92	94	67	84	92	94	....	[b]90.
	Minimum	71	69	71	73	70	71	70	68	67	72	68	60	64	68	61	61	65	68	60	64	68	....	66	63	58	69	59	60	61	65	....	[b]65
Ferguson§§	Maximum	100	99	98	95	92	81	92	90	92	91	87	88	91	87	83	85	87	83	85	88	86	90	90	90	92	88	84	85	89	92	....	89.
	Minimum	69	67	66	68	72	74	66	67	67	66	66	57	61	63	60	57	62	64	63	66	68	66	63	56	58	60	59	61	60	61	....	63.
Florence I	Maximum	96	92	92	90	93	90	91	92	92	87	87	88	92	89	87	88	90	81	86	86	88	91	90	93	91	90	68	85	87	89	....	88.
	Minimum	72	70	73	73	70	73	71	68	71	73	68	61	65	69	62	62	68	69	62	67	70	68	70	64	63	72	61	63	64	68	....	67.
Garnett	Maximum	100	99	101	95	....	96	94	95	96	98	87	91	94	94	87	88	89	94	84	88	90	90	93	91	95	94	81	92	91	94	....	[b]92.
	Minimum	71	72	70	69	....	69	70	70	70	67	69	66	62	65	68	63	68	71	69	71	70	71	67	62	66	69	67	64	65	64	....	[b]67.
Georgetown	Maximum	98	98	98	90	90	90	92	92	90	90	90	90	90	87	85	87	88	83	88	88	85	89	88	88	86	91	80	81	85	82	....	88.
	Minimum	71	66	74	69	73	72	71	72	69	69	68	61	61	66	60	62	60	71	64	70	70	64	65	60	55	70	62	60	63	63	....	66.
Kingstree	Maximum	95	95	96	84	86	89	91	92	95	88	83	87	92	89	82	88	88	82	80	86	85	91	88	92	93	92	83	82	88	92	....	88.
	Minimum	72	69	73	72	72	71	72	69	71	70	71	61	64	69	63	62	67	70	65	71	71	65	68	65	63	71	62	63	63	65	....	67.
Orangeburg I	Maximum	97	98	95	93	90	92	92	90	91	92	82	86	92	88	83	82	90	83	81	88	84	90	91	90	93	91	72	85	91	92	....	88.
	Minimum	72	70	70	70	73	71	70	72	70	71	69	62	64	67	67	62	64	69	65	69	73	69	67	62	62	68	62	62	62	62	....	67.
St. George	Maximum																																
	Minimum																																
Society Hill§§	Maximum	94	95	96	92	93	94	94	95	91	84	88	...	93	86	83	88	95	82	85	89	90	92	93	93	94	92	68	85	92	...	....	[b]89.
	Minimum	71	69	70	72	71	71	69	68	68	68	59	60	....	64	60	61	61	63	58	61	61	66	66	63	57	57	59	59	61	61	....	[a]63.
Summerville	Maximum	95	95	95	90	84	88	87	89	90	90	83	85	88	87	81	84	86	85	77	87	84	88	86	88	92	91	77	82	87	88	....	86.
	Minimum	73	72	72	70	71	71	71	71	70	71	69	64	63	68	64	62	68	72	68	71	73	69	68	65	69	71	64	64	64	65	....	68.
Wedgefield	Maximum	95	94	96	90	90	92	92	89	93	90	89	88	94	88	85	89	92	82	80	87	85	92	92	90	92	93	85	85	90	92	....	89.
	Minimum	74	69	72	73	73	70	69	68	69	70	69	62	67	68	63	62	65	68	62	68	70	68	68	64	63	69	63	62	65	66	....	67.
Yemassee	Maximum	97	96	97	93	91	92	91	92	92	93	85	89	92	90	84	85	89	90	80	85	84	89	89	89	93	94	84	87	91	92	..	89.
	Minimum	72	71	72	68	70	69	68	69	68	67	68	64	62	65	66	62	68	70	68	71	71	71	67	62	67	69	69	63	63	63	....	67.
Western Portion.																																	
Aiken	Maximum	95	95	96	92	93	93	93	88	91	91	83	90	90	90	86	86	90	86	81	86	83	86	87	89	88	90	85	87	89	92	....	89.
	Minimum	73	73	74	73	73	71	71	72	72	71	70	66	69	69	65	63	66	69	63	69	73	72	72	69	67	66	61	63	67	70	....	69.
Anderson	Maximum	91	93	93	83	88	88	90	89	90	81	78	89	94	85	80	87	92	85	81	82	80	89	88	89	89	88	70	83	89	92	....	86.
	Minimum	71	69	71	72	71	70	68	71	71	72	68	64	64	71	66	64	70	69	63	65	70	71	70	68	66	67	57	62	64	67	....	67.
Caesar's Head	Maximum	82	85	76	77	77	80	81	77	79	78	72	78	81	75	68	80	83	73	71	73	75	74	75	80	78	73	64	70	76	81	....	76.
	Minimum	59	59	59	60	60	60	60	63	63	62	61	58	58	58	58	58	58	57	56	56	56	56	57	56	57	61	52	52	57	62	....	58.
Calhoun Falls§§	Maximum	98	98	98	96	96	90	92	93	96	92	93	92	97	94	85	89	87	84	86	84	85	97	95	96	95	96	70	85	92	95	....	91.
	Minimum	68	68	67	68	67	66	66	66	66	68	67	60	60	64	66	61	62	66	64	65	65	66	68	69	68	67	58	57	58	62	....	64.
Camden§§	Maximum	96	97	97	99	89	87	93	97	95	93	90	90	95	90	88	91	88	83	89	94	93	97	92	92	94	92	70	90	94	93	..	91.
	Minimum	72	71	70	72	73	73	72	70	70	72	69	67	65	67	64	62	63	71	64	65	67	71	71	69	63	65	63	61	63	67	....	67.
Chester	Maximum																																
	Minimum																																
Clemson College	Maximum	92	95	93	91	86	87	88	....	90	86	81	86	90	91	79	83	92	89	79	82	82	84	85	87	87	86	88	80	86	90	...	[a]86.
	Minimum	68	68	68	72	71	63	69	....	69	70	65	63	63	67	67	62	66	67	64	68	67	72	70	68	64	63	58	62	62	65	....	[a]66.
Columbia	Maximum	95	95	98	92	91	91	91	88	91	87	82	87	93	87	83	88	91	79	81	86	87	90	89	89	90	90	69	83	88	92	....	88.
	Minimum	73	72	74	72	73	71	71	72	72	71	70	66	69	69	65	63	66	69	63	69	73	72	72	69	67	66	61	63	67	70	....	69.
Due West	Maximum	92	93	95	82	88	87	89	88	91	87	80	89	92	86	81	87	92	85	82	82	79	85	88	87	88	89	66	82	88	90	....	86.
	Minimum	79	69	70	71	71	70	69	70	69	73	68	63	67	71	66	63	68	69	62	67	71	73	70	67	63	65	59	61	64	66	....	67.
Greenville	Maximum	91	92	92	81	86	86	87	84	89	85	78	85	89	80	75	85	90	78	78	79	81	82	85	87	85	84	69	79	85	88	....	83.
	Minimum	73	70	70	72	71	70	67	71	72	72	63	66	70	70	65	63	71	69	64	66	69	71	70	69	67	61	56	60	65	68	....	67.
Greenwood	Maximum	94	93	94	95	87	90	90	92	94	93	90	90	97	95	91	86	91	95	86	86	88	86	87	90	90	90	92	70	85	90	....	89.
	Minimum	70	70	71	70	68	71	68	70	70	72	69	60	65	70	65	61	63	68	61	64	69	72	68	67	63	66	60	60	62	66	....	66.
Heath Springs	Maximum	89	93	92	88	88	86	88	90	88	80	80	89	93	84	84	89	89	78	85	84	87	88	87	89	85	83	78	80	88	92	....	86.
	Minimum	70	68	72	72	71	70	68	68	73	66	66	60	67	67	61	57	66	67	59	59	65	66	68	65	63	62	56	58	62	67	....	65.
Hogback Mountain	Maximum	80	84	82	80	79	77	78	75	79	78	75	78	81	73	71	77	80	76	78	73	75	75	76	76	78	76	73	71	74	77	....	76.
	Minimum	66	63	65	64	63	65	61	63	64	62	55	56	55	57	58	58	62	63	56	56	61	60	63	65	64	61	53	54	64	61	....	60.
Kershaw	Maximum	95	95	96	88	91	91	92	91	95	91	84	89	93	86	84	90	93	80	85	89	91	96	94	93	94	91	75	85	90	93	....	90.
	Minimum	71	69	71	74	74	70	69	69	69	71	61	61	66	68	61	59	65	68	59	62	70	65	68	66	62	67	58	59	63	67	....	65.
Landrum	Maximum																																
	Minimum																																
Laurens	Maximum	95	96	98	89	91	92	93	91	95	90	89	90	95	89	82	89	93	84	84	85	86	90	93	93	93	93	78	84	92	93	....	89.
	Minimum	70	67	67	72	66	61	62	61	63	62	62	59	63	71	66	62	64	66	61	62	69	72	67	66	60	64	58	61	61	65	....	64.
Little Mountain	Maximum	96	95	96	89	89	90	90	89	92	88	88	87	93	88	85	88	91	88	86	85	88	89	91	89	93	91	73	84	90	92	....	89.
	Minimum	71	70	69	69	69	69	68	69	69	72	66	61	68	66	61	60	63	60	62	65	70	65	67	69	63	65	59	59	65	68	....	65.
Newberry	Maximum	96	95	97	90	91	91	90	91	92	90	84	90	94	89	85	89	94	83	84	86	90	92	91	90	91	94	77	85	91	93	....	89.
	Minimum	72	70	70	72	71	71	69	72	70	73	68	62	65	70	65	62	65	69	62	67	72	72	70	67	62	68	60	62	63	69	....	67.
Saluda	Maximum	97	97	99	93	91	84	88	88	92	89	90	89	94	90	86	87	93	87	84	83	85	84	84	86	88	91	84	82	86	91	....	88.
	Minimum	70	69	70	70	71	71	69	71	68	72	67	60	63	66	66	62	62	66	62	66	71	71	68	65	58	67	61	61	61	68	..	66.
Santuck	Maximum	96	96	86	87	90	90	92	91	87	82	90	96	88	83	94	80	85	89	91	92	93	92	93	91	90	87	79	85	91	94	....	89.
	Minimum	69	68	73	69	71	67	69	67	72	70	58	62	70	64	63	65	61	59	68	69	69	65	64	62	60	59	58	62	60	63	...	65.
Spartanburg	Maximum	92	91	86	84	85	84	85	87	82	87	86	82	86	85	81	88	90	81	80	82	85	88	89	88	87	85	76	84	85	85	...	85.
	Minimum	67	67	66	64	63	68	66	67	69	64	68	66	62	63	62	61	64	63	60	61	66	69	68	65	62	61	56	58	63	65	....	64.
Trenton	Maximum																																
	Minimum																																
Walhalla	Maximum	95	94	95	86	89	90	90	89	90	89	92	94	93	88	78	85	90	82	79	79	81	81	83	88	98	83	75	83	87	90	....	86.
	Minimum	65	63	65	68	68	66	68	68	69	67	66	60	62	65	66	61	63	65	62	62	68	70	60	65	62	61	57	60	60	63	....	64.
Winnsboro§§	Maximum	95	94	97	88	90	92	91	92	92	91	86	90	95	90	85	91	94	80	85	87	91	93	93	91	91	96	66	85	91	92	....	89.
	Minimum	73	69	71	72	71	72	68	70	70	72	69	61	65	68	63	60	63	68	60	64	67	69	69	66	63	69	60	60	62	68	....	66.
Winthrop College	Maximum	84	90	96	83	91	90	90	91	92	88	85	89	84	87	82	80	96	86	85	85	89	94	91	90	93	89	72	85	91	94	....	88.
	Minimum	69	68	68	72	71	63	64	69	70	65	63	61	65	67	61	58	67	67	60	62	67	68	69	67	64	66	55	59	65	66	...	65.

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 10-27-26—900

1.05
NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

DEC 3
UNIVERSITY

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

Vol. XXIX. COLUMBIA, S. C., OCTOBER, 1926. No. 10.

GENERAL SUMMARY.

The month was considerably warmer than usual, with daily mean temperatures ranging from 5° to 15° above normal on 18 dates. The rainfall averaged less than half the normal.

The generally dry weather was favorable for developing the cotton crop; picking made good progress, and about 75% of the crop was picked by the close of the month, but ginning was comparatively slow. On the other hand, the hard, dry soil prevented the usual preparations for fall and winter crops, and winter grain planting was delayed. However, fair showers in the western portion about the 17th and generally about the 24-27th improved soil and germinating conditions, and fall and winter truck showed more vigorous growth. Sweet potatoes matured, and corn was practically harvested by the 15th. Molasses making proceeded satisfactorily during the last half of the month. As most crops were beyond danger, no damaging frosts occurred.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.02 inches. The highest pressure was 30.38 inches at Columbia on the 28th; the lowest pressure was 29.42 inches at Asheville and Charlotte, N. C., on the 24th, and in the Section proper, 29.46 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 38 stations, was 65.1°, or 1.5° above the normal. The highest temperature was 96° at Calhoun Falls on the 1st. The warm periods were from the 1st to 5th, 11th to 20th, and on the 30th and 31st. The lowest temperature was 26° at Caesar's Head on the 26th. The cool periods were from the 7th to 9th and from the 25th to the 28th, inclusive. Heavy to killing frosts were quite general in the interior from the 25th to the 28th, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 82%; noon, 55%; 8 p. m., 69%. The highest percentages occurred in the Savannah drainage area and along the coast, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 1.44 inches, or 1.51 inches below the normal. The rainfall was generally light and more or less scattered, with amounts badly distributed; in the northwestern edge of the Section, the measurements ranged from 3 to over 4 inches, and elsewhere, the measurements ranged downward from 2 inches to none (Rimini). The greatest local monthly amount was 4.51 inches at Hogback Mountain; least local monthly amount, 0.00 inch at Rimini. The greatest 24-hour amount at any station was 2.20 inches at Caesar's Head. The average number of rainy days was practically normal.

Snow flurries occurred at many points in the interior on the 26th.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 6.6 miles. The highest average velocity was 9.3 miles per hour at Savannah, Ga., and in the Section proper, 8.6 miles per hour at Charleston; the lowest average velocity was 3.6 miles per hour at Charlotte, N. C., and in the Section proper, 5.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 44 miles per hour from the west at Savannah, Ga., on the 25th, and in the Section proper, 37 miles per hour from the west at Due West on the 24th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 230.4 hours, or 65% of the possible amount. The average number of clear days was 17; partly cloudy, 7, and cloudy, 7, as against normals of 18, 6, and 7 days, respectively.

RIVER CONDITIONS.

On account of comparatively light rainfall, the rivers of the Section were uniformly low during the month. The Congaree River at Columbia was below zero of the gage on all but four dates, and the Pee Dee River at Cheraw was below zero during the entire month.

MISCELLANEOUS PHENOMENA (dates).

Frost, killing, or freezing temperature.—25th, 1 station; 26th, 10; 27th, 3; 28th, 11.

Halos—Lunar: Due West, 14, 17. *Solar:* Due West, 7, 10, 14, 15, 20; Greenville, 7.

Sleet.—Georgetown, 26.

ERRATA.

September, 1926.—Aiken, minimum temperature, page 34, should be 61 on 27th. Saluda, maximum temperature, page 34, should be 99 on 3d.

MISCELLANEOUS DATA FOR OCTOBER, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.04	57.2	83	30	1.27	0.82	7.3	se.	88	58	74	51
Augusta, Ga.....	30.02	65.3	92	37	1.11	0.85	4.6	nw.	85	58	72	77
Charleston, S. C...	30.01	70.0	90	37	0.85	0.31	8.6	n	79	60	73	75
Charlotte, N. C ...	30.01	63.6	91	33	0.64	0.17	3.6	sw.	80	52	61	58
Columbia, S. C....	30.03	67.0	90	35	0.99	0.43	5.6	s.	83	48	60	57
Due West, S. C....	30.05	64.0	88	34	1.49	0.47	7.3	sw.	84	52	....	60
Greenville, S. C...	30.00	63.4	87	34	2.46	0.97	7.5	sw.	81	55	65	64
Savannah, Ga.....	30.02	69.6	90	39	2.03	0.81	9.3	ne.	80	56	70	65
Wilmington, N. C.	30.02	66.8	87	38	1.46	0.64	6.0	w.	82	57	76	80
Means and extremes	30.02	65.2	92	30	1.37	0.97	6.6	sw.	82	55	69	65

Climatological Data for October, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Pathologist Truc's. Sup. Co.
Blackville	Barnwell	296	42	68.0	+3.0	95	4	34	28	44	1.05	−1.83	0.50	0	4	22	3	6	....	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	70.0	+2.2	90	19	37	27	26	0.85	−3.08	0.31	0	5	13	14	4	n.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	63.2	+1.1	88	3	29	28	45	0.72	−1.09	0.40	0	2	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	36	66.8	+1.9	90	† 3	31	28	44	1.07	−2.15	0.40	0	6	22	4	5	se.	Paul Quattlebaum.
Darlington	Darlington	175	31	66.0	+2.3	94	† 3	30	28	41	0.52	−2.59	0.25	0	4	19	10	2	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	1.22	−1.76	0.42	0	4	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	65.5	+1.3	91	† 1	38	†27	45	0.92	−1.95	0.76	0	4	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	44	[a]63.8	−0.3	[a]95	4	32	28	[a]44	0.65	−3.41	0.27	0	7	17	5	9	sw.	H. K. Gilbert.
Florence 2	....do	136	11	.....	.....	.....	.....	.....	.....	.....	0.50	−2.56	0.24	0	3	18	5	8	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	67.9	.....	95	1	31	28	44	1.42	.....	0.52	0	5	15	11	5	.....	Maner B. Robert.
Georgetown	Georgetown	18	33	65.8	−0.5	91	20	29	28	46	2.14	−1.04	1.29	0	5	19	11	1	ne.	A. P. Hazard.
Kingstree	Williamsburg	54	44	67.4	+2.9	93	4	31	28	46	0.74	−2.11	0.20	0	7	17	5	9	sw.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	0.85	.....	0.45	0	2	.....	.....	.....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	67.2	+1.4	92	5	32	28	45	0.65	−1.37	0.50	0	3	17	10	4	w.	U. S. Fisheries Station.
Pinopolis	Berkeley	54	79	65.7	+1.3	86	† 1	34	28	.....	1.05	−1.99	0.70	T.	4	12	13	6	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	.....	0.00	−2.46	0.00	0	....	....	....	....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. L. Utsey.
Society Hill	Darlington	192	35	[b]64.0	+1.4	[b]94	3	[a]28	28	[b]49	0.48	−2.57	0.20	0	3	23	0	8	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	[c]66.9	+1.2	[c]89	† 5	32	28	[c]43	0.55	−2.92	0.41	0	6	19	7	5	s.	Dr. William Simons.
Wedgefield	Sumter	249	36	64.3	+0.6	90	2	34	†26	36	0.98	−1.87	0.68	0	4	25	3	3	w.	W Hampton Ramsey
Yemassee	Hampton	24	37	67.4	+1.8	93	1	30	28	45	0.96	−1.88	0.41	0	5	16	3	12	ne.	W. C. Hutson.
Division means and extremes	.....	.....	....	66.2	+1.4	95	4	29	28	49	0.90	−2.08	1.29	0	4	18	7	6	sw.	
Western Portion.																				
Aiken	Aiken	527	64	67.6	+3.8	90	3	35	†26	35	0.80	−1.83	0.36	T.	5	25	0	6	ne.	Frank B. McCoy.
Anderson	Anderson	764	33	[b]65.5	+2.1	[b]90	4	[a]31	27	[b]35	3.32	+0.54	1.07	T.	8	20	1	10	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	0.48	−2.08	0.18	0	6	....	....	....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	56.4	.....	80	4	26	26	33	3.73	.....	2.20	T.	6	11	6	14	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	27	[c]67.4	.....	[c]96	1	29	27	[c]45	3.17	+0.11	1.40	T.	5	18	4	9	w.	L. M. Parker.
Camden	Kershaw	222	76	.....	.....	.....	.....	35	28	.....	0.87	−1.75	0.30	0	4	....	....	....	.....	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	0.20	−3.41	0.20	0	...	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	1.32	−1.26	0.83	T.	6	....	....	....	.....	George V. Clamp.
Chester	Chester	487	4	.....	.....	[m]91	2	[p]31	28	44	0.36	.....	0.10	0	3	21	5	5	ne.	J. C. Cornwell.
Clemson College	Oconee	850	34	[g]63.2	+1.6	[g]87	† 1	[g]33	27	[g]37	2.73	−0.64	1.82	0	7	21	3	7	e.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	67.0	+2.7	90	3	35	27	31	0.99	−1.86	0.43	0	6	12	9	10	s.	U. S. Weather Bureau.
Due West	Abbeville	711	12	64.0	+1.6	88	3	34	27	30	1.49	−0.25	0.47	0	7	12	12	7	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	1.10	−1.58	1.10	0	1	....	....	....	.....	D. W. Sharpe.
Enoree	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.60	.....	0.58	0	8	....	....	....	.....	Broad River Power Co.
Gaston Shoals †††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	0.78	−2.16	0.42	0	7	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	63.4	+3.2	87	3	34	27	26	2.46	−0.74	0.97	T.	7	15	5	11	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	65.2	+3.0	92	† 1	34	27	46	1.37	−1.47	0.83	0	4	18	0	13	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	24	64.6	+2.2	87	4	32	†26	39	1.80	−0.65	1.00	0	6	13	7	11	w	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	57.6	.....	78	3	27	26	21	4.51	.....	1.70	T.	10	15	7	9	n	Blue Ridge Forests Co.
Kershaw	Kershaw	500	10	66.0	+2.0	94	3	32	26	43	1.51	−0.60	0.67	0	4	18	1	12	w.	John W. Hamel.
Landrum	Spartanburg	1063	11	62.5	0.0	90	4	31	28	41	3.14	−1.06	1.14	T.	4	18	4	9	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	65.2	.....	93	3	31	28	45	1.63	.....	0.47	T.	6	19	9	3	sw.	L. G. Roff.
Little Mountain	Newberry	711	33	65.0	+0.6	89	† 3	32	26	40	1.41	−1.49	0.51	T.	6	15	9	7	s.	Miss Alberta Sease.
Lockhart	Union	500	....	.....	.....	.....	.....	.....	.....	.....	1.10	.....	0.46	0	6	....	....	....	.....	Broad River Power Co.
Newberry	Newberry	502	22	66.2	+2.6	92	3	33	26	41	1.52	−1.04	0.43	T.	9	16	9	6	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	1.96	−1.64	0.86	0	8	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	65.2	+1.4	90	3	32	28	38	1.59	−1.44	0.95	T.	6	16	13	2	s.	W. S. Crout.
Santuck	Union	512	33	64.4	+2.3	93	† 3	29	28	45	1.20	−2.04	0.53	T.	9	17	7	7	se.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	63.0	+1.9	88	3	31	28	41	0.76	−2.05	0.33	0	4	22	0	9	.....	M. H. Daniel.
Trenton	Edgefield	620	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	62.0	+1.2	89	3	29	27	45	3.99	+0.51	1.44	T.	9	17	5	9	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	32	[b]66.2	+1.8	[b]92	† 3	[b]33	26	[b]35	1.21	−1.89	0.55	0	6	15	9	7	e.	Rev. Oliver Johnson.
Winthrop College ††	York	690	26	65.2	+2.8	90	20	32	26	40	0.57	−2.28	0.26	0	4	12	15	4	nw.	W. T. Clawson.
Division means and extremes	.....	.....	....	64.2	+1.6	96	1	26	26	46	1.79	−1.24	2.20	T.	6	16	7	8	sw.	
Section means and extremes	.....	.....	....	65.1	+1.5	96	1	26	26	49	1.44	−1.51	2.20	T.	5	17	7	7	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡ Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow. ‖ Other directions also.

Daily Precipitation for October, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
ufort	Coast																	.50								.30		.20			.05		1.05
ckville ‖‖	Edisto													T			.01								.31		.01				.31	0.85
rleston ***	Coast	T.	T.		T.	T.	.21								T.			.40								.32		T.					0.72
raw ‖‖	Pee Dee											T.						.12							.40	.09					.04	1.07
way ‖‖	Waccamaw	.32										.10						.22							.02	.03		.25				0.52
lington ‖‖	Pee Dee											T.						.42							.41	T.		.17				1.22
ngham ‖‖	Lynches	.22					T.					T.						.76								.10		.05			T.	0.92
gnson ‖‖	Santee		.01			T.												.37							.03	.09		.16				0.65
rence 1 ‖‖	Pee Dee						.04					.03			.03			.24								.10		.16				0.50
rence 2 ‖‖	do																															
rnett	Savannah	.52	T.													T.	.45	.09							.33		.03				T.	1.42
orgetown	Coast	.25	.25			.10						T													1.29	T.	T.				.25	2.14
ngstree ‖‖	Black											.04						.50							.20	T.					T.	0.74
rs Bluff	Pee Dee																	.40								.45						0.85
ngeburg	Edisto		T.									T.	T.					.50							T.	.10		.05			T.	0.65
opolis	Cooper													.10			.70										20				.05	1.05
nini ‖‖	Santee																															0.00
George	Edisto																	.20								.13		.15				0.48
ety Hill ‖‖	Pee Dee																								.41		.06				.02	0.55
mmerville	Ashley	.01	.02												.03											.15		.10				T.	0.98
dgefield	Wateree											.05					T.	.68							.15							0.96
nassee ‖‖	Ashepoo		.18				.03									.10		.41								.15		.09				
Western Portion.																																	
en	Edisto											.03					.05								.36	.15	.21					0.80
derson	Savannah				.20	.32							.32	.48			1.07								.47		.22				.24	3.32
irs ‖‖	Broad					.05							.04	.02				.08								.18	T	.11				.45	0.48
sar's Head	Saluda											.10		.30			.20	.48							2.20							3.73
hoon Falls ‖‖	Savannah						.22					T.	T.					1.20								1.40		.20			.15	3.17
nden ‖‖	Wateree																	.30								.23		.30			.04	0.87
awba ‖‖	Catawba		T.																							.20						0.20
ppells ‖‖	Saluda												.01					.83							.06	.14		.26			.02	1.32
ester	Broad					.10							.03	.03											.20							0.26
nson College	Savannah					.34						.11		.14											1.82	.02	.06				.24	2.73
lumbia ***	Congaree											.03		.08			.21								.43		.21				.03	0.99
e West ***	Savannah					.06						T.	.03	.01			.47							T.	.39		.17				.36	1.49
gefield ‖‖	Savannah																	1.10														1.10
oree	Enoree	.08				.32						.03	.04	.03		T.	.58							T.		.50					.08	1.60
ston Shoals ‖‖	Broad						.42					.04		.04	.08			.04													.04	0.78
enville ***	Saluda		T.			.59					T.	.08	.01	.06			.67							T.	.97		T				.08	2.46
enwood ‖‖	do						.22											.83								.08		.24				1.37
ath Springs	Wateree					.03								1.00			.12								.55		.04				.06	1.80
gback Mountain	Broad		.10			.97						.03		.07			1.70							.01	1.33	.03	.01				.26	4.51
rshaw ‖‖	Lynches														.63			.15								.67		.06					1.51
lrim	Broad						.74											1.12								1.14	T.					.14	3.14
rens	Saluda					.17							.23					.29							.47		.10				.37	1.63
tle Mountain	Saluda																.15	.28							.10	.51	.27				.10	1.41
ckhart	Broad												.15	.11				.10							.46					.10	.18	1.10
wberry	Saluda					.03						.02	.06	.05			.39								.26		.25	.03			.43	1.52
zer ‖‖	do						.32					T.		.22	.02		.02	.84								.30		.06			.18	1.96
nda	do											.02		T			.27	.18							.95		.10				.07	1.59
ituck	Broad					.02						.06	.11	.06			.20								.13	.40	.03				.19	1.20
artanburg ‖‖	do						.28									.08		.10									.33					0.76
nton	Edisto																														.28	3.99
lhalla	Savannah					.40						.28	.03	.48			.96							.03	1.44		.09				.23	1.21
nnsboro ‖‖	Broad						.03								.09			.15								.55		.16				.10	0.57
nthrop College	Catawba																.11								.10	.26						

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
87	61.4	91	30	5.96	8				n.
88	59.3	88	31	4.18	7				sw.
89	60.8	88	27	1.65	3				n.
90	63.0	90	22	4.06					
91	60.2	92	28	1.63					nw.
92	63.8	89	27	0.60					ne.
93	64.4	90	25	4.92	5	18	7	6	ne.
94	64.2	98	33	4.95	5	20	6	5	ne.
95	61.3	95	28	1.15	3	20	7	4	ne.
96	61.3	91	28	1.41	4	15	8	8	ne.
97	65.8	96	35	3.23	5	14	8	9	ne
98	62.9	90	28	3.82	9	14	8	9	ne.
99	61.2	91	34	5.00	6	14	7	10	ne
00	67.6	95	33	3.65	9	13	7	11	ne.
01	62.4	92	29	0.89	3	22	6	3	ne.
02	63.2	95	30	4.40	7	19	5	7	ne.
03	62.0	93	25	2.63	5	18	6	7	n.
04	62.4	98	26	1.10	3	23	5	3	ne.
05	64.2	93	29	1.97	6	15	6	10	ne.
06	61.9	90	24	3.69	7	14	6	11	ne.
07	61.2	91	28	0.73	3	19	7	5	ne

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction
1908	62.0	89	35	4.22	6	19	6	6	ne.
1909	61.2	96	27	2.43	5	23	5	3	ne.
1910	66.5	100	22	4.39	6	20	7	4	ne.
1911	67.5	99	37	5.89	8	12	9	10	ne.
1912	65.0	94	32	2.21	5	18	4	9	ne.
1913	62.5	95	28	3.56	6	19	6	6	ne.
1914	64.7	92	26	3.44	8	13	7	11	ne.
1915	67.0	93	27	4.95	8	18	7	6	ne.
1916	64.0	92	31	2.54	5	16	7	8	ne.
1917	59.3	90	22	1.50	4	23	5	3	sw.
1918	67.3	93	33	3.75	5	15	8	8	ne.
1919	73.7	101	44	2.53	5	13	10	8	sw.
1920	64.1	92	25	0.76	2	24	4	3	ne.
1921	62.6	90	27	1.79	4	21	4	6	re.
1922	64.5	94	31	5.57	8	18	5	8	e.
1923	62.9	90	29	1.14	4	18	6	7	ne.
1924	62.2	89	28	1.50	2	23	3	5	ne.
1925	63.9	98	26	2.93	8	15	7	9	ne.
1926	65.1	96	26	1.44	5	17	7	7	sw.
Period	63.6	101	22	2.95	5	18	6	7	ne.

Daily Temperatures for October, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blackville	Maximum	90	93	93	95	83	75	78	83	85	87	90	93	89	87	85	83	82	84	93	93	71	78	83	72	63	60	60	70	78	83	78	81.8
	Minimum	69	66	65	61	64	53	57	46	51	63	61	62	60	67	63	63	59	50	56	62	50	41	44	58	43	38	35	34	39	43	54	54.1
Charleston	Maximum	85	82	84	84	88	85	73	75	78	79	79	81	78	83	82	78	79	84	90	87	74	73	76	76	72	54	57	63	74	73	79	77.6
	Minimum	75	72	73	74	74	65	59	60	57	62	69	69	75	70	69	67	65	63	65	68	61	55	60	71	46	40	37	44	50	58	66	62.5
Cheraw§§	Maximum	76	89	88	87	87	81	70	72	75	80	77	83	80	78	78	74	76	81	85	88	67	72	75	72	62	51	56	66	74	78	76	75.6
	Minimum	68	67	63	63	68	70	45	43	42	48	59	60	64	68	56	50	55	43	52	60	45	37	43	58	45	32	31	29	38	42	58	51.7
Conway	Maximum	84	85	90	88	90	86	75	75	79	83	82	87	82	86	81	80	79	85	89	88	72	75	81	74	74	55	59	68	75	79	77	79.5
	Minimum	69	70	65	65	67	74	49	47	42	48	62	63	64	63	59	56	60	47	55	64	54	43	49	58	48	36	36	31	36	43	58	54.2
Darlington§§	Maximum	79	90	94	94	92	....	76	76	80	84	80	86	84	84	82	81	81	85	93	90	71	71	81	73	63	54	60	69	78	81	76	[a]79.6
	Minimum	67	69	63	63	67	....	49	44	42	47	61	60	64	65	58	53	58	44	55	63	49	59	44	53	46	33	34	30	37	44	47	[a]52.3
Ferguson§§	Maximum	91	90	91	90	91	85	77	77	79	82	87	89	88	88	85	82	80	89	91	84	71	77	80	76	66	60	68	72	80	81	76	81.2
	Minimum	61	61	59	62	60	68	47	48	41	43	46	51	60	58	60	54	46	44	49	57	48	40	44	48	43	39	38	38	45	43	46	49.8
Florence 1	Maximum	83	84	92	95	89	79	77	79	73	77	78	88	85	76	73	79	77	78	89	86	71	74	76	72	66	52	58	68	76	78	76	77.5
	Minimum	68	69	66	66	72	73	52	48	44	49	56	57	64	67	60	56	59	48	52	64	49	42	46	53	47	35	35	32	42	49	63	54.3
Garnett	Maximum	95	87	91	92	93	86	78	81	83	84	85	89	85	90	88	85	82	84	90	87	76	80	84	74	72	53	60	70	77	81	81	82.0
	Minimum	66	69	65	65	65	69	48	51	44	48	59	56	66	63	62	65	60	48	52	57	55	42	47	59	45	34	36	31	37	48	56	53.8
Georgetown	Maximum	85	86	86	87	86	75	75	75	78	80	85	86	86	83	82	85	77	80	84	91	79	78	83	80	74	66	61	69	75	80	82	79.8
	Minimum	63	63	63	63	63	47	46	48	41	45	60	60	60	60	56	35	59	74	49	63	54	44	44	57	45	44	33	29	35	46	60	51.9
Kingstree	Maximum	86	86	92	93	91	85	75	76	80	81	82	86	82	85	84	81	80	85	91	88	79	77	81	74	73	55	59	68	77	85	78	80.5
	Minimum	70	70	64	67	67	73	44	48	42	48	63	58	66	62	61	58	60	50	60	62	54	44	48	58	47	35	34	31	36	46	61	54.4
Orangeburg 1	Maximum	89	87	91	89	92	83	75	76	80	83	85	87	88	86	84	82	79	83	91	87	72	76	81	74	70	51	58	68	76	81	79	80.1
	Minimum	67	67	64	64	64	70	50	51	45	48	62	57	66	65	64	60	59	48	59	61	52	42	46	61	45	35	35	32	36	46	58	54.2
St. George	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Society Hill§§	Maximum	78	91	94	92	93	87	76	77	80	83	81	89	86	....	84	80	81	85	92	90	70	75	79	73	64	55	59	69	78	81	....	[b]80.0
	Minimum	66	67	60	60	63	70	46	44	40	45	49	58	63	63	....	59	53	42	43	55	44	39	39	43	46	30	32	28	29	45	35	[b]48.6
Summerville	Maximum	88	83	87	88	89	87	71	68	71	81	83	85	79	85	84	79	78	83	89	88	....	78	....	73	71	55	58	66	75	....	78	[c]78.6
	Minimum	70	69	66	60	67	71	50	52	46	50	60	60	66	63	66	60	62	51	55	62	55	45	50	69	46	35	35	32	38	50	60	55.2
Wedgefield	Maximum	87	90	....	....	87	86	75	68	....	73	....	78	78	76	....	68	78	....	....	....	....	73	78	76	70	55	52	66	....	....	....	[1]74.6
	Minimum	68	69	66	65	65	64	52	48	47	53	62	58	66	65	61	58	56	52	59	62	48	49	42	58	45	34	35	34	40	40	62	54.4
Yemassee	Maximum	93	85	90	89	91	85	76	80	81	83	84	89	85	88	84	83	82	81	90	87	79	79	83	74	70	54	60	70	75	81	79	81.1
	Minimum	66	68	65	64	64	70	46	49	43	48	57	55	66	62	64	64	60	48	55	61	57	41	46	59	45	33	35	30	35	48	58	53.6
Western Portion.																																	
Aiken	Maximum	88	87	90	89	89	85	72	75	78	82	80	85	85	84	83	78	82	80	88	86	81	71	74	72	69	53	56	66	73	76	73	78.4
	Minimum	68	72	69	69	69	67	51	54	53	53	56	64	64	63	65	63	63	54	60	62	51	46	46	63	42	35	35	40	43	56	69	56.9
Anderson	Maximum	83	85	89	90	85	77	77	76	81	73	73	75	81	82	78	79	78	80	88	82	....	70	74	68	66	43	56	...	72	73	75	[b]76.2
	Minimum	69	68	66	66	67	62	47	49	53	55	61	63	65	60	63	59	56	50	61	60	....	44	50	56	38	35	31	37	42	51	60	[a]54.8
Caesar's Head	Maximum	75	78	79	80	69	66	62	64	70	64	63	61	58	74	60	58	72	58	88	76	60	61	56	55	48	32	51	60	65	70	68	64.3
	Minimum	63	60	62	61	62	50	42	42	50	52	53	58	56	54	54	52	48	49	55	58	38	38	48	47	37	26	28	31	33	49	42	48.6
Calhoun Falls§§	Maximum	96	87	94	92	88	78	80	78	84	78	82	81	84	81	85	68	80	85	91	86	69	72	72	....	....	....	....	67	69	76	77	[c]80.7
	Minimum	65	64	63	63	63	60	44	44	46	46	52	58	62	58	58	61	56	45	46	57	42	37	38	39	39	31	29	30	33	40	48	54.2
Camden§§	Maximum	....	94	95	96	91	....	....	....	....	81	87	....	....	....	....	....	80	88	92	87	....	....	....	71	....	....	61	....	74	....	78	.....
	Minimum	69	69	67	68	69	62	58	48	44	53	55	63	63	63	62	55	47	47	49	55	48	49	44	54	45	37	36	35	36	44	50	53.0
Chester	Maximum	....	91	91	89	90	...	75	76	76	....	....	....	....	....	....	....	....	....	87	85	80	79	79	75	74	..	....	71	75	75	75	.....
	Minimum	65	65	66	65	64	...	48	49	48	....	....	....	....	....	....	....	....	....	....	....	45	41	41	41	41	....	....	31	44	42	....	.....
Clemson College	Maximum	83	87	87	86	83	79	71	72	71	71	72	71	79	79	78	....	....	....	....	....	....	....	86	88	66	47	57	66	71	70	71	[c]74.8
	Minimum	68	69	64	63	63	59	44	44	42	50	59	64	65	56	59	....	....	....	....	....	....	....	39	40	40	36	33	34	43	45	57	[c]51.5
Columbia	Maximum	84	87	90	89	90	89	73	74	80	78	81	84	85	86	80	76	79	83	90	86	69	73	78	72	58	47	56	67	74	78	74	77.5
	Minimum	70	70	68	69	69	59	53	54	50	54	61	64	69	65	63	61	61	53	65	64	51	46	49	55	41	35	35	36	46	53	59	56.5
Due West	Maximum	82	83	88	86	85	75	72	72	79	75	77	78	82	82	80	68	76	80	86	83	67	70	75	72	53	44	57	66	71	74	75	74.6
	Minimum	68	69	66	66	68	53	46	50	53	53	62	64	66	61	62	61	55	50	58	54	45	43	50	50	36	34	34	39	41	48	47	53.3
Greenville	Maximum	78	82	87	86	82	72	70	72	78	71	70	74	78	81	78	66	75	78	84	80	66	67	67	65	53	41	57	64	70	70	72	72.1
	Minimum	67	66	67	68	67	56	50	49	56	60	59	63	65	65	61	56	54	54	61	57	48	46	54	49	38	37	34	41	46	52	46	54.6
Greenwood	Maximum	92	89	88	93	92	87	76	74	77	83	76	80	81	84	90	86	66	77	81	89	84	70	72	76	70	55	47	58	67	74	76	77.7
	Minimum	67	69	65	65	68	64	47	46	48	50	59	62	65	59	60	63	58	49	51	61	43	39	40	50	41	35	34	35	42	45	53	52.1
Heath Springs	Maximum	80	85	86	87	86	83	81	74	80	78	77	78	77	74	75	82	81	80	86	85	84	74	74	70	65	56	65	65	71	73	72	76.9
	Minimum	70	66	65	65	64	54	48	46	49	58	58	58	59	59	60	49	48	49	61	60	45	40	47	55	43	32	35	32	37	49	60	52.3
Hogback Mountain	Maximum	70	73	78	77	73	66	62	65	66	67	67	63	68	72	70	70	70	70	75	75	60	59	58	58	61	35	49	57	67	59	65	65.3
	Minimum	64	66	62	61	61	52	44	42	52	54	54	58	58	56	52	55	49	52	51	57	39	38	51	50	31	27	30	37	47	52	46	49.9
Kershaw	Maximum	82	89	91	93	92	80	75	74	80	81	83	82	82	78	79	71	78	84	91	88	69	73	78	70	70	51	57	68	76	78	75	78.1
	Minimum	72	68	66	65	69	69	47	46	48	52	62	58	64	63	60	54	55	46	62	62	47	41	46	55	43	32	35	33	43	47	60	53.9
Landrum	Maximum	76	80	89	90	84	72	72	74	76	71	74	71	78	82	81	75	70	79	85	84	68	69	60	62	62	45	59	66	72	69	75	73.2
	Minimum	67	64	63	63	63	61	49	43	41	52	59	61	63	62	59	55	53	45	57	59	47	38	44	53	41	35	35	31	44	45	55	51.8
Laurens	Maximum	83	88	93	92	90	78	75	78	82	76	79	82	85	85	81	68	80	82	90	85	69	74	76	71	63	44	60	69	73	76	78	77.6
	Minimum	68	69	62	62	64	62	44	47	48	49	62	64	66	60	60	60	58	45	59	62	43	40	42	55	41	32	34	31	44	45	58	52.8
Little Mountain	Maximum	87	85	89	88	89	78	77	63	70	73	80	78	85	83	81	73	79	72	88	85	78	71	72	70	70	48	59	65	66	76	67	75.6
	Minimum	68	67	66	66	66	65	46	47	53	57	60	62	61	62	60	60	56	54	61	62	45	40	49	57	41	32	33	38	41	53	62	54.5
Newberry	Maximum	81	88	92	91	90	79	74	76	83	78	82	82	86	86	84	72	79	83	90	86	70	74	78	72	67	46	58	68	75	77	76	78.2
	Minimum	69	70	65	65	67	62	45	48	48	51	64	63	67	62	62	61	59	47	60	62	46	40	45	56	43	33	35	34	41	47	63	54.2
Saluda	Maximum	88	86	90	89	89	82	74	75	80	79	82	84	85	86	84	77	73	82	89	84	80	72	78	73	69	51	56	61	72	71	75	77.8
	Minimum	66	69	63	63	65	66	45	45	42	47	62	60	65	59	59	62	57	46	58	63	45	37	42	54	43	33	34	32	41	45	60	52.5
Santuck	Maximum	84	88	93	93	90	79	74	76	83	77	82	78	83	84	81	73	79	83	91	87	77	72	78	71	71	50	59	68	74	75	76	78.4
	Minimum	68	70	62	62	63	64	42	38	40	46	62	58	64	58	58	54	56	42	58	62	39	34	39	52	42	30	33	29	39	42	59	50.5
Spartanburg	Maximum	85	86	88	87	85	78	75	73	80	75	74	75	78	82	80	72	70	78	85	84	70	69	68	68	65	60	55	70	75	78	75	75.6
	Minimum	68	68	63	62	62	60	43	43	45	49	60	60	63	69	59	54	55	43	50	56	40	39	41	53	38	33	32	31	34	43	50	50.5
Trenton	Maximum	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Walhalla	Maximum	85	80	89	88	87	75	75	75	80	73	72	75	82	83	79	65	78	82	88	83	69	68	62	66	64	42	60	67	72	71	75	74.5
	Minimum	67	66	60	62	69	52	41	43	45	48	56	61	63	53	56	58	49	43	54	54	37	37	41	54	37	34	29	33	40	43	53	49.5
Wimsboro§§	Maximum	92	80	87	92	92	90	81	77	77	82	81	...	83	84	86	82	71	80	84	92	....	71	73	79	70	57	49	60	67	75	76	[b]78.3
	Minimum	70	67	66	67	67	67	48	48	49	55	61	60	66	63	60	57	58	50	57	....	....	41	44	52	43	33	36	36	43	47	58	[b]54.1
Winthrop College	Maximum	84	87	83	84	89	78	72	75	81	77	80	81	82	83	80	72	77	80	85	90	80	72	76	70	68	62	65	68	75	76	75	77.6
	Minimum	68	68	66	65	66	66	46	45	49	55	55	57	60	61	60	54	55	46	56	58	44	40	46	54	45	32	33	35	44	48	60	52.8

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 11-24-26—900

NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., NOVEMBER, 1926. No. 11.

GENERAL SUMMARY.

The month was unusually cold, on the whole, but one previous November having had a lower mean temperature. The rainfall averaged considerably above normal.

Changeable weather and comparatively light rainfall until about the 15-16th, with low temperatures predominating, was generally unfavorable for seasonable development of winter cereals; toward the end of the month, however, the prevailing mild weather materially improved plowing, seeding, and germinating conditions. Hardy winter truck in the interior and tender winter truck along the coast showed corresponding progress. Cotton picking was practically finished during the month, except in the northwestern counties, where the crop was generally late and picking rather slow. The sweet potato and peanut harvests were completed toward the middle of the month, and molasses making was finished during the latter part. Staple crops were beyond danger of damage by the freezes of the 5-6th and 11th, except some top cotton in the northwestern counties. The woods were generally bare by the 15th.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.14 inches. The highest pressure was 30.62 inches at Due West on the 12th; the lowest pressure was 29.50 inches at Charlotte, N. C., on the 16th, and in the Section proper, 29.55 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 37 stations, was 50.0°, or 3.6° below normal and but 1.8° above the lowest November average of 1901. The highest temperature was 85° at Georgetown on the 8th. The warm periods were on the 8-9th and 14-15th and during the last week. The lowest temperature was 17° at Santuck on the 12th. The cold periods were from the 1st to 7th, 10th to 13th, and 16th to 23d, inclusive. The line of first general autumnal killing frosts extended nearly to the lower coast by the 11th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 60%; 8 p. m., 69%. The highest percentages occurred in the coastal region and the western tier of counties, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 50 stations reporting, was 3.05 inches, or 0.74 inch above the normal. Precipitation occurred in five fairly well defined periods, but the bulk of the month's rainfall occurred between the 15th and 18th. The amounts were badly distributed, ranging from over 6 inches in northern Greenville County and over 5 inches at Georgetown to less than 2 inches at Charleston and in a considerable area of the interior. The greatest local monthly amount was 6.11 inches at Caesar's Head; least local monthly amount, 1.36 inches at Aiken. The greatest amount during any 24 hours was 3.04 inches at Caesar's Head on the 15th. The rainy days averaged 40% above normal. There was no snowfall. Sleet occurred at Greenville and Walhalla on the 21st.

A series of severe thunderstorms traversed the northern tier of counties during the afternoon of the 26th, culminating in a violent wind-squall of tornadic proportions at Rock Hill about 4:30 p. m.; the path of greatest destruction was 200 to 300 yards wide in the southeastern part of the city, with damage estimated at probably $350,000; one person, Joe Crockett, negro, was killed, and 12 persons were injured. In the vicinity of Sharon, the damage approximated $1,500, with hail one-fourth inch or more in diameter. At Walhalla, the hailstones ranged from 0.5 to 2.0 inches in size, and at Roebuck the hailstones were the size of guinea eggs. The monetary damage in the vicinity of Greenville approximated $15,000. The various storms came from the west generally, and moved toward the east.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.9 miles. The highest average velocity was 11.0 miles per hour at Savannah, Ga., and in the Section proper, 9.2 miles per hour at Charleston; the lowest average velocity was 4.6 miles per hour at Charlotte, N.C., and in the Section proper, 6.2 miles per hour at Columbia. The highest velocity for any 5-minute period was 44 miles per hour from the southwest at Greenville on the 26th.

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SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 189 hours, or 63% of the possible amount. The average number of clear days was 17; partly cloudy, 5, and cloudy, 8, as against normals of 17, 6, and 7 days, respectively.

RIVER CONDITIONS.

Moderate rises occurred in the various streams after the copious to heavy rains of the 15-16th; otherwise, all rivers continued relatively low, with readings below zero of the gage on many dates at Cheraw and Columbia.

MISCELLANEOUS DATA FOR NOVEMBER, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N.C....	30.16	41.4	68	18	3.51	1.72	10.5	nw.	83	60	67	54
Augusta, Ga.....	30.15	52.5	78	30	1.74	1.03	5.4	nw.	87	68	79	68
Charleston, S.C...	30.13	55.8	76	36	1.90	0.62	9.2	ne.	79	66	74	65
Charlotte, N.C ...	30.14	47.8	73	26	2.87	1.51	4.6	ne.	78	52	61	62
Columbia, S.C....	30.16	51.2	79	28	1.58	1.10	6.2	n	82	54	60	62
Due West, S.C....	30.16	47.6	72	26	3.02	1.87	8.5	w.	84	59	...	66
Greenville, S.C...	30.13	47.2	68	27	4.63	2.93	8.7	ne.	77	58	65	65
Savannah, Ga.....	30.13	56.4	78	33	3.78	2.46	11.0	ne.	80	62	70	58
Wilmington, N.C.	30.14	53.6	77	30	3.86	1.74	7.2	n.	82	58	74	73
Means and extremes	30.14	50.4	79	18	2.88	2.93	7.9	ne.	81	60	69	63

Climatological Data for November, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Beaufort	Beaufort	21	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	21	2	7	.....	Pathologist True's. Sup. Co.
Blackville	Barnwell	296	42	53.0	−2.3	80	†14	25	12	46	3.35	+1.35	1.60	0	10	21	2	7	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	55	55.8	−2.3	76	9	36	12	24	1.90	−0.97	2.87	0	6	11	13	6	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	48.4	−3.8	76	14	22	12	44	2.68	+0.57	1.63	0	4	.....	.....	.....	....	Roland D. Powe.
Conway	Horry	25	36	53.6	−0.6	81	8	26	12	45	4.10	+1.89	1.49	0	6	18	0	2	ne.	Paul Quattlebamm.
Darlington	Darlington	175	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	4.01	+1.91	2.41	0	5	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	51.6	−3.5	76	8	29	12	39	3.68	+1.51	1.02	0	5	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	44	50.8	−3.1	74	14	25	†11	45	2.66	+0.29	2.10	0	6	20	2	8	ne.	H. K. Gilbert.
Florence 2	do	136	11	.....	.....	.....	.....	.....	.....	.....	3.66	+1.29	2.49	0	6	13	7	10	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	54.7	.....	82	9	23	20	39	3.90	.....	1.80	0	7	16	8	6	.....	Maner B. Robert.
Georgetown	Georgetown	18	33	55.2	−0.9	85	8	27	12	47	5.28	+2.83	2.05	0	6	19	8	3	ne.	A. P. Hazard.
Kingstree	Williamsburg	51	44	54.2	−0.5	81	8	27	12	40	3.81	+1.76	1.46	0	6	13	5	12	n	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	3.00	.....	1.80	0	4	.....	.....	.....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	53.3	−1.1	81	15	26	12	39	2.34	+0.84	1.12	0	7	13	6	11	ne	U.S. Fisheries Station.
Pinopolis	Berkeley	54	79	54.2	−0.2	75	14	27	19	.....	3.47	+1.03	1.30	0	6	13	13	4	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	.....	2.75	+1.15	1.45	0	3	.....	.....	.....	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. L. Utsey.
Society Hill	Darlington	192	35	49.2	−3.0	81	14	23	12	39	3.33	+1.16	1.96	0	8	21	1	8	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	[a]53.7	−1.9	[a]78	14	29	20	[a]38	2.65	+0.37	1.20	0	3	18	6	6	w	Dr. William Simons.
Wedgefield	Sumter	249	36	51.0	−2.9	77	18	27	20	45	1.84	−0.38	0.54	0	4	23	0	7	w.	W Hampton Ramsey
Yemassee	Hampton	24	37	55.0	−0.5	81	9	28	†12	41	3.49	+1.43	1.47	0	5	16	3	11	nw.	W. C. Hutson.
Division means and	extremes	.....	....	52.9	−1.8	85	8	22	12	47	3.26	+1.13	2.87	0	6	17	5	8	ne.	
Western Portion.																			
Aiken	Aiken	527	64	52.3	−1.8	79	15	27	20	38	1.36	−1.21	0.67	0	5	16	1	13	nw.	Frank B. McCoy.
Anderson	Anderson	764	33	[a]48.6	−4.2	[a]97	14	[a]26	12	[a]39	3.31	+0.61	2.00	0	7	20	0	10	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	1.60	−0.66	1.00	0	6	.....	.....	.....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	40.0	.....	60	14	18	11	33	6.11	... ...	3.04	0	5	17	2	11	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	27	.....	.....	.....	.....	.....	.....	.....	4.25	+1.84	2.80	0	6	15	9	6	w.	L. M. Parker.
Camden	Kershaw	222	76	.....	.....	.....	.....	27	12	.....	2.38	+0.03	1.30	0	8	.....	.....	.....	.....	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	2.99	+0.59	1.68	0	8	.....	.....	.....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	2.24	+0.03	0.90	0	9	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	34	47.7	−3.0	70	15	22	20	40	4.30	+1.56	2.66	0	8	16	10	4	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	51.2	−2.8	79	15	28	12	34	1.58	−0.65	1.10	0	6	15	8	7	n.	U. S. Weather Bureau.
Due West	Abbeville	711	12	47.6	−6.0	72	15	26	20	31	3.02	+1.16	1.87	0	8	13	9	8	w.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	12	.... ..	.....	.....	.....	.....	.....	.....	1.35	−0.77	1.00	0	3	.....	.....	.....	.....	D. W. Sharpe.
Enoree	.....	987	....	.....	.....	.....	.....	.....	.....	.....	2.86	.....	1.46	0	9	.....	.....	.....	.....	Broad River Power Co.
Gaston Shoals ‡‡††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	2.61	−0.07	1.28	0	5	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	47.2	−2.4	68	15	27	11	24	4.63	+1.53	2.03	0	9	17	3	10	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	48.2	−3.8	78	10	22	12	51	3.27	+0.58	1.80	0	10	17	0	13	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	24	48.4	−3.5	75	14	22	12	46	2.01	−0.18	0.98	0	6	17	2	11	w.	J. Marvin Bowers
Hogback Mountain	Greenville	3025	....	41.3	.....	60	15	20	11	31	5.29	.....	1.75	0	9	18	7	5	nw.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	10	50.4	−2.2	79	14	23	12	42	2.54	+0.63	1.42	0	7	16	0	14	e.	John W. Hamel.
Landrum	Spartanburg	1063	11	46.8	−4.8	68	15	21	12	36	4.06	+0.98	1.46	0	4	18	6	6	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	47.6	.....	70	26	22	12	42	2.67	.....	0.76	0	11	16	6	8	n.	L. G. Roff.
Little Mountain	Newberry	711	33	51.8	−2.1	74	15	27	†11	36	1.37	−0.99	0.40	0	7	22	4	4	w.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	1.99	.....	0.97	0	7	.....	.....	.....	.....	Broad River Power Co.
Newberry	Newberry	502	22	49.6	−2.7	78	†14	23	12	46	1.48	−1.08	0.60	0	11	17	9	4	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	4.24	+1.67	2.70	0	9	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	24	49.4	−3.3	79	15	18	12	48	1.41	−0.95	0.55	0	7	15	10	5	n.	W. S. Crout.
Santuck	Union	512	33	47.6	−3.6	77	15	17	12	42	2.01	−0.73	0.84	0	8	15	8	7	.....	E. W. Jeter.
Spartanburg	Spartanburg	875	49	46.8	−3.9	74	15	23	20	36	3.32	+0.49	1.50	0	9	19	1	10	.....	M. H. Daniel.
Trenton	Edgefield	620	33	[c]49.2	−5.8	[c]78	†14	[c]27	12	[c]38	1.41	−0.97	0.85	0	4	15	9	6	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	46.0	−4.8	68	† 9	21	†12	38	4.95	+2.07	2.50	0	10	16	5	9	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	32	[d]50.7	−2.2	[d]86	15	[d]24	12	[d]39	2.30	+0.21	1.26	0	7	15	5	10	ne.	Rev. Oliver Johnson.
Winthrop College ‡‡	York	690	26	48.9	−2.8	75	†14	25	11	46	2.86	+0.67	1.10	0	10	15	9	6	n.	W. T. Clawson.
Division means and	extremes	.....	....	48.1	−4.2	80	15	17	12	51	2.92	+0.41	3.04	0	7	16	5	9	w.	
Section means and	extremes	.....	....	50.0	−3.6	85	8	17	12	51	3.05	+0.74	3.04	0	7	17	5	8	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow. ‖Other directions also.

ERRATA.

October, 1926.—Chester, greatest 24-hour precipitation, page 38, should be 0.20; Greenwood, highest temperature, page 38, should be 93 on the 4th; Winthrop College, prevailing wind direction, page 38, should be south.

Daily Precipitation for November, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
eaufort	Coast																																
ackville |||	Edisto	.10		.50						.60	.10						1.60		.15				.05							.25		3.35
harleston ***	Coast		.06	.41						.62					.57		.10					T.								.14		1.90
heraw |||	Pee Dee	T.		.31						.23	.51				T.		1.63										T.					2.68
onway |||	Waccamaw	.09		.39							1.70				.13		1.49									T.				.30		4.10
arlington |||	Pee Dee																																
dingham |||	Lynches	T.		.29					T.	.66					.16		2.41			T.			T							.49		4.01
erguson |||	Santee			.54						1.02							1.22					.03								.87		3.68
orence 1 |||	Pee Dee	.08	.14												.21					.10		.03								2.10		2.66
orence 2 |||	....do	T.		.19						.01	.08				.35		2.49													.54		3.66
rnett	Savannah		.03	.84						.61					.22		1.80					.01				T.				.39		3.90
orgetown	Coast		.25	.30						.45					2.05		2.03													.20		5.28
ngstree |||	Black	T		.46							1.04				.05		1.46													.80		3.81
rs Bluff	Pee Dee			.33							.40						1.80													.50		3.00
angeburg	Edisto	.01	.01	.50						.14					T		1.12		.01											.52		2.34
nopolis	Cooper		.20	.60						.75					1.30		.05													.57		3.47
mini |||	Santee			.50													1.45													.80		2.75
. George	Edisto																																
ciety Hill |||	Pee Dee			.22						.11	.58				.08		1.96		.05									.05		.28		3.23
mmerville	Ashley									1.02					1.20															.43		2.65
dgefield	Waderee		.20							.25					.40		.45	T.												.54		1.84
nassee |||	Ashepoo			.77	.09					1.00	.16						1.47															3.49
Western Portion.																																	
keu	Edisto			.36											.07		.67		.13											.13		1.36
nderson	Savannah		.15						.10	.13			.10		2.00		.53									.30						3.31
airs |||	Broad			.19						.05	.05						1.00		.17											.14		1.60
esar's Head	Saluda									1.30					3.04				.72							.90			.15			6.11
lhoun Falls |||	Savannah	.30		.20						.05	.45						2.80		.45													4.25
oden |||	Wateree			.20						.35	.15						1.30		.04	.02								.07		.25		2.38
tawba |||	Catawba	.10		.15						.21							1.68		.25	.06							.39			.15		2.99
appetts |||	Saluda	.45		.22						.03	.08						.90		.45							.02				.07		2.24
ester	Broad																																
enson College	Savannah								.03	.46				.02	2.66				.44								.03	.45			.21		4.30
olumbia ***	Cougaree		.14						T.	.13			T		1 06		.04		.06			T.				T.			T.	.15		1.58
e West***	Savannah		.20						.01	.31				.04		1.87		T.	.46			T			T.	.08			.05	T		3.02
gefield |||	Savannah										T.					1.00			.22			T.				T.				.13		1.35
noree	Enoree				.13						.26			.06	.02		1.46	.45							.12	.26			.10			2.86
ston Shoals |||	Broad									.51	T.			.04		1.28											.62			.13		2.61
enville ***	Saluda		.04	T.					.02	.18				.03	T	2.93		T.	.43			T.			T.	.05	.79			.16			4.63
enwood |||	....do	.32								.06	.33				.04		1.80		.48			T.			T.		.04	.07	.04		.09		3.27
ath Springs	Wateree								.03	.23						.98			.19								.30			.28		2.01
gback Mountain	Broad									.69				.01	.10	1.00	1.75		.65						.11	.70				.28		5.29
rshaw |||	Lynches	.04		.25						.25	.17						1.42						.22							.19		2.54
nbrum	Broad															1.30	1.46		.59							.71						4.66
treus	Saluda		.12	.13					.02	.22				.04		.76	.59		.34			T.			.03	.37				.05		2.67
tle Mountain	Saluda		.10	.28					.04	.05						.35	.40					.15										1.37
ckhart	Broad									.12	.15					.01	.97		.49									.15		.10		1.99
wberry	Saluda		.17	.05					.03	.11				.01		.60			.28			.05			.03	.04				.11		1.48
zer |||	....do			.08						.04	.20				.14		2.70		.42							.12	.42			.19		4.24
uda	....do		.02	.17					T.	.07						T.	.55		.26			T.				.02				.31		1.41
nuck	Broad		.13	.12					T	.29				T.		.02	.82		.40			T.			.03	.20						2.01
rtanburg |||	....do				.20					.10	.40				.05		1.50		.50							.20	.30			.07		3.32
nton	Edisto									T				T.	T.	T.	.85		.32			T.			T.	.07				.17		1.41
lhalla	Savannah		.04						.09	.80					.08	2.50	.07		.63			T			.06	.50			T.	.18		4.95
nsboro |||	Broad	.23		.26						.04							1.26		.18								.19			.21		2.20
nthrop College	Catawba		.05	.05					.10	.06					.38	1.10			.41							.42	.16			.13		2.86

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \|\|\| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
7	52.3	78	18	0.82	4				nw.
8	52.7	82	22	2.77	8				
9	54.8	84	18	3.84	6				w.
0	58.4			0.64					
1	51.9	82	15	2.48					ne.
2	53.9	86	14	1.96					sw.
3	52.9	87	15	2.11	5	14	8	8	ne.
4	52.3	83	17	2.02	4	18	7	5	nw.
5	54.4	88	21	2.35	6	12	8	10	ne.
6	59.1	90	26	4.00	7	12	8	10	ne.
7	55.3	88	23	1.99	5	16	7	7	sw.
8	51.0	82	14	4.72	10	14	6	10	ne.
9	55.0	86	22	2.41	5	16	6	8	ne
0	55.6	92	22	3.32	6	13	8	9	sw.
1	48.2	85	17	1.01	5	21	4	5	n
2	59.2	89	22	3.80	6	13	7	10	ne.
3	50.9	86	10	1.40	5	14	8	8	n.
4	51.6	80	22	2.78	6	17	6	7	w.
5	54.5	90	21	1.31	3	17	6	7	sw
6	53.8	89	20	0.96	3	18	8	4	ne.
7	52.2	87	24	4.13	10	12	7	11	ne.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction
1908	56.6	88	24	1.60	3	16	10	4	sw.
1909	58.3	88	20	0.97	3	18	9	3	sw.
1910	51.1	85	24	1.04	4	20	6	4	w.
1911	51.2	83	19	3.30	8	13	7	10	ne.
1912	52.1	84	17	2.71	4	22	4	4	w.
1913	53.5	89	18	1.79	2	21	5	4	w
1914	52.4	86	17	3.33	6	19	4	7	w.
1915	56.3	88	24	2.36	4	22	4	4	w.
1916	54.5	88	17	1.21	4	18	5	7	ne.
1917	50.4	83	16	0.82	4	21	4	5	ne.
1918	53.0	86	26	3.13	7	18	3	9	ne.
1919	56.6	92	20	0.86	3	18	6	6	ne.
1920	52.3	87	18	3.62	6	18	4	8	ne.
1921	56.9	86	24	3.11	7	13	6	11	w.
1922	54.8	88	17	0.61	3	20	5	5	ne.
1923	51.1	82	21	2.79	6	16	5	9	ne.
1924	54.4	87	21	1.35	2	23	4	3	w.
1925	50.4	82	15	3.81	7	14	5	11	ne.
1926	50.0	85	17	3.05	7	17	5	8	ne.
Period	53.6	92	10	2.31	5	17	6	7	ne.

Daily Temperatures for November, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum																																
	Minimum																																
Blackville	Maximum	66	60	60	61	65	68	71	74	78	60	50	55	70	80	80	59	65	60	52	57	57	50	65	67	72	73	66	74	70	69	....	65.1
	Minimum	45	45	43	36	34	33	36	52	59	40	31	25	34	45	50	47	32	48	32	27	32	38	45	45	51	52	41	36	43	37	...	40.5
Charleston	Maximum	66	61	57	63	65	65	69	74	76	60	50	54	63	71	71	66	60	69	52	56	62	55	58	73	65	72	64	60	69	62	....	63.6
	Minimum	53	52	47	46	46	47	50	59	57	46	37	36	44	56	62	46	45	47	39	37	40	45	49	49	55	59	49	41	52	51	....	48.1
Cheraw§§	Maximum	61	56	56	60	60	61	67	62	75	57	46	50	62	76	70	57	60	61	52	50	43	50	60	66	60	70	60	52	68	69	....	59.9
	Minimum	43	36	41	30	32	28	29	52	55	43	27	22	32	38	58	51	31	43	30	25	25	25	27	48	48	55	44	27	33	33	....	37.0
Conway	Maximum	71	60	59	63	66	68	72	81	76	71	52	55	71	77	76	74	62	73	63	54	59	52	63	72	67	77	70	60	73	67	....	66.8
	Minimum	45	39	41	32	34	31	35	51	58	47	31	26	35	49	58	55	35	44	35	29	30	31	35	45	42	49	50	31	41	52	....	40.5
Darlington §§	Maximum																																
	Minimum																																
Ferguson §§	Maximum	67	60	65	66	65	67	70	76	70	68	56	55	65	70	72	60	65	60	54	58	52	58	60	63	73	75	70	72	70	70	....	65.1
	Minimum	44	37	39	33	33	30	33	37	42	42	33	29	31	40	46	45	34	40	33	30	29	31	34	45	47	45	41	43	48	50	....	38.1
Florence I	Maximum	68	66	50	52	61	70	68	70	64	43	43	50	70	74	59	64	64	65	54	52	48	51	64	70	68	72	74	76	68	64	....	61.9
	Minimum	45	42	43	34	36	34	35	49	41	30	25	25	30	48	53	52	34	46	33	28	29	30	32	49	49	49	44	49	46	48	....	39.6
Garnett	Maximum	70	59	63	68	67	70	69	78	82	68	53	56	66	83	81	71	65	67	51	56	61	63	68	70	75	76	69	65	73	66	....	67.6
	Minimum	48	46	47	33	32	31	36	50	60	44	33	29	38	51	59	49	32	47	32	28	28	43	46	43	45	46	45	35	48	50	....	41.8
Georgetown	Maximum	80	76	60	62	68	71	70	85	70	66	65	68	70	75	77	74	64	76	64	59	64	53	64	73	76	78	77	61	75	78	....	70.0
	Minimum	46	50	40	32	31	32	38	54	58	29	29	27	35	35	58	54	34	44	34	30	29	38	39	42	52	51	46	32	40	53	....	40.5
Kingstree	Maximum	71	62	60	61	65	69	68	81	77	68	55	55	69	77	73	71	63	68	56	56	59	51	66	70	66	75	71	61	74	68	....	66.3
	Minimum	47	42	43	33	36	30	34	54	60	46	31	27	38	51	60	52	34	46	34	28	30	35	37	49	52	54	47	34	42	53	....	42.0
Orangeburg I	Maximum	69	60	60	66	62	61	70	69	79	70	53	54	62	79	81	74	63	64	54	54	55	50	63	67	69	74	71	59	73	67	....	65.1
	Minimum	46	42	44	33	34	31	33	52	58	43	31	26	39	47	60	50	33	47	33	28	37	38	37	47	51	50	45	35	42	54	....	41.5
St. George	Maximum																																
	Minimum																																
Society Hill §§	Maximum	64	57	61	65	65	69	71	65	80	61	48	52	66	81	72	61	65	64	55	53	47	54	62	69	65	74	63	55	71	64	....	63.3
	Minimum	41	40	39	29	30	28	28	37	41	45	27	23	24	34	56	53	32	32	34	25	25	27	28	28	42	51	46	30	36	40	....	3.51
Summerville	Maximum	69	61	58	69	....	67	66	77	76	67	54	54	69	78	76	70	63	69	59	55	60	55	66	70	69	75	60	65	75	65	....	[a]66.1
	Minimum	48	45	41	35	37	32	39	57	59	45	33	32	42	57	58	52	34	47	34	29	32	41	43	45	53	52	45	35	45	55	....	43.5
Wedgefield	Maximum	54	52	55	52	50	60	63	65	68	67	53	40	52	68	70	70	53	77	65	54	53	52	65	68	65	73	68	58	68	66	....	60.8
	Minimum	45	40	42	38	38	33	44	50	75	43	29	24	33	45	60	49	33	44	32	27	28	29	35	48	52	51	43	32	43	52	....	41.2
Yemassee	Maximum	72	64	63	67	67	69	67	78	81	71	54	57	68	79	80	70	64	67	54	58	61	56	68	69	75	78	70	66	77	66	....	67.9
	Minimum	47	45	45	33	35	31	37	50	61	45	32	28	41	51	58	51	31	41	32	28	31	43	45	43	48	47	44	35	47	55	....	42.0
Western Portion.																																	
Aiken	Maximum	69	60	59	63	61	62	60	68	71	66	53	50	57	77	79	69	62	58	52	56	52	50	62	63	70	72	70	60	69	66	....	62.9
	Minimum	44	46	43	43	36	41	42	43	58	40	31	28	45	47	41	46	35	49	29	27	37	36	41	46	54	52	43	36	43	50	....	41.7
Anderson	Maximum	63	53	57	63	61	65	64	57	67	58	57	47	45	71	70	63	56	50	....	57	43	50	59	60	51	70	65	54	61	66	...	[a]58.7
	Minimum	39	41	40	36	34	37	49	52	36	28	26	32	43	57	41	43	30	....	27	33	28	35	45	46	46	46	41	35	40	41	....	[a]38.4
Caesar's Head	Maximum	48	49	40	43	53	55	55	58	59	44	40	43	48	60	49	50	52	43	42	40	43	38	54	57	53	55	54	46	48	58	....	49.2
	Minimum	35	42	33	25	28	29	39	45	47	28	18	22	25	27	36	36	32	40	21	20	20	21	21	35	40	40	34	29	29	29	....	30.9
Calhoun Falls §§	Maximum	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	Minimum	42	40	37	33	34	30	30	35	42	43	31	27	29	38	50	50	35	35	35	28	29	28	30	40	45	48	45	32	33	40	....	36.5
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Clemson College	Maximum	63	59	55	64	61	60	64	59	67	60	45	47	49	69	70	62	59	55	52	55	52	48	59	63	58	69	64	74	55	63	....	59.3
	Minimum	36	38	42	32	29	29	31	40	55	37	24	22	29	43	58	45	39	44	29	22	30	24	26	40	41	47	39	35	38	38	....	36.1
Columbia	Maximum	62	57	59	65	61	64	68	61	73	58	46	50	56	76	79	60	61	61	51	55	48	49	62	65	60	72	68	56	69	64	....	61.0
	Minimum	48	44	42	40	39	33	37	57	51	39	32	28	39	42	61	41	36	40	34	29	32	33	39	49	53	53	46	35	41	50	....	41.4
Due West	Maximum	60	52	55	61	60	62	64	57	68	45	44	47	45	72	72	54	60	54	48	52	42	48	59	59	52	71	62	52	64	64	....	[a]57.2
	Minimum	40	41	41	37	31	36	37	50	50	35	28	27	34	41	54	38	33	38	30	26	32	30	38	45	45	48	40	35	41	43	....	38.1
Greenville	Maximum	59	53	56	60	59	61	62	56	66	51	45	46	41	65	68	55	58	55	48	52	42	48	58	62	51	66	61	50	53	63	....	55.8
	Minimum	44	41	39	38	37	40	41	50	49	34	27	28	33	43	55	39	36	37	30	30	33	29	34	44	46	46	41	35	41	46	....	38.7
Greenwood	Maximum	76	63	54	57	62	61	65	70	67	78	56	49	53	47	76	71	54	63	55	49	53	45	50	60	61	56	71	64	57	69	....	60.5
	Minimum	38	40	43	36	33	32	35	35	49	38	27	22	23	37	44	45	33	35	30	28	29	28	31	42	46	47	41	33	35	42	....	35.8
Heath Springs	Maximum	69	56	56	60	60	62	62	61	70	59	46	47	53	75	70	60	58	56	52	50	44	46	59	63	60	65	60	51	66	62	....	58.6
	Minimum	43	42	39	36	36	36	37	36	56	42	26	22	29	41	59	47	31	45	32	27	27	27	34	43	46	51	42	30	37	48	....	38.2
Hogback Mountain	Maximum	51	46	47	52	49	52	44	55	58	51	37	40	49	56	60	57	49	48	41	43	36	40	53	59	55	55	56	43	47	54	....	49.8
	Minimum	32	36	32	31	29	32	33	35	48	27	20	22	30	43	52	37	32	35	22	24	26	22	30	38	40	40	32	30	34	40	....	32.8
Kershaw	Maximum	69	55	66	64	61	66	70	69	73	61	47	57	56	79	73	69	62	63	52	52	44	53	63	67	59	70	68	53	71	72	....	62.2
	Minimum	42	49	38	33	37	35	35	50	58	42	28	23	31	44	59	42	31	46	32	25	25	25	32	45	41	50	42	29	37	42	....	38.4
Landrum	Maximum	61	56	57	61	60	68	65	54	67	59	44	47	44	64	68	60	64	59	50	53	45	41	62	62	64	63	63	52	50	62	....	57.3
	Minimum	35	38	41	33	39	32	32	46	54	38	25	21	28	40	55	47	49	28	32	33	30	25	26	32	39	45	42	30	32	44	....	36.4
Laurens	Maximum	64	52	60	65	61	66	68	56	68	57	46	48	44	74	74	65	63	60	51	54	45	52	60	64	54	70	63	53	63	64	....	59.5
	Minimum	38	37	41	32	28	31	31	47	56	37	26	22	32	41	56	41	31	30	31	27	32	30	33	38	40	47	38	33	32	37	....	35.8
Little Mountain	Maximum	57	56	58	62	60	61	56	64	64	63	43	44	55	66	74	65	59	56	53	46	46	50	56	58	58	66	62	54	62	62	...	64.5
	Minimum	46	45	39	38	36	31	34	38	53	46	27	33	40	50	55	44	33	32	30	27	27	27	40	46	48	45	48	32	36	47	....	39.2
Newberry	Maximum	68	56	60	65	61	65	68	60	70	57	47	51	50	78	78	64	63	59	51	54	46	51	63	64	56	72	67	56	71	65	....	61.2
	Minimum	41	40	41	34	33	30	32	49	56	39	29	28	32	43	58	42	31	45	30	24	29	28	36	47	45	47	40	34	38	46	....	38.1
Saluda	Maximum	72	58	58	64	60	62	67	62	72	66	54	50	51	76	79	71	57	58	51	54	50	47	56	66	64	72	70	57	70	66	....	62.0
	Minimum	42	40	42	32	31	28	27	49	58	39	27	18	28	28	51	46	29	41	30	24	30	28	35	45	47	45	42	30	37	46	....	36.9
Santuck	Maximum	68	54	61	64	61	66	68	58	70	65	49	48	48	76	77	70	61	60	52	51	41	52	62	65	58	71	63	57	67	67	....	61.1
	Minimum	36	34	42	29	27	26	26	44	57	39	22	17	25	43	52	48	28	41	29	21	26	21	28	42	40	44	41	28	26	42	....	34.1
Spartanburg	Maximum	70	62	58	61	60	62	66	67	68	52	52	55	56	70	74	62	60	58	54	52	48	50	60	62	60	68	60	60	55	64	....	60.2
	Minimum	35	36	40	31	29	29	30	40	50	40	24	21	30	37	46	45	28	35	26	23	27	24	26	33	35	40	42	30	33	38	....	33.4
Trenton	Maximum	....	....	....	....	57	61	66	70	66	71	63	52	52	51	78	78	72	63	55	49	54	51	51	57	62	66	71	68	59	69	64	....	[c]59.6
	Minimum	....	....	....	....	40	39	37	41	54	51	39	31	27	36	42	58	45	34	48	29	30	30	33	40	45	53	51	43	36	40	49	...	[c]38.8
Walhalla	Maximum	63	53	57	63	60	64	64	59	68	58	47	47	50	66	61	60	58	54	53	59	46	50	61	64	51	68	67	57	53	63	....	58.1
	Minimum	32	37	40	29	26	20	30	42	53	34	22	21	21	41	56	41	38	38	27	21	28	23	24	37	39	45	35	32	38	34	....	33.8
Winnsboro §§	Maximum	64	56	61	69	63	67	70	66	73	56	47	50	52	77	80	57	61	60	....	....	....	....	61	64	57	70	69	54	71	63	....	[d]62.7
	Minimum	41	43	40	36	35	37	38	41	53	40	27	24	30	28	46	47	35	40	31	....	....	....	....	42	46	48	42	39	33	40	....	[d]38.7
Winthrop College	Maximum	62	52	60	64	62	64	72	58	70	63	45	40	41	75	75	68	60	61	51	53	52	52	62	64	60	68	61	54	62	62	....	60.4
	Minimum	38	40	40	35	33	33	36	48	56	39	25	26	29	42	60	45	33	42	30	28	26	29	30	43	43	47	39	30	35	46	...	37.4

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 12-29-26—900

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UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., DECEMBER, 1926. No. 12.

GENERAL SUMMARY.

The month averaged considerably warmer than usual, with but one series of rather hard freezes. The rainfall was somewhat above normal.

The generally mild weather was favorable for normal development of wheat, oats, rye, winter truck, and pastures, although growth was checked by rather hard freezes about the close of the second decade. Winter cereal sowing was delayed by hard soil incident to previous dry weather, but copious rains about the 14th and toward the end of the month materially improved germination, and generally good stands resulted. Cotton picking, which had become more or less desultory, was practically finished by the close of the month. Considerable hog-killing was done, interrupted occasionally by abnormally warm weather.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.14 inches. The highest pressure was 30.66 inches at Columbia and Due West on the 19th; the lowest pressure was 29.62 inches at Asheville, N. C., on the 25th, and in the Section proper, 29.71 inches at Columbia on the 28th and at Greenville on the 11th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 38 stations, was 48.7°, or 2.1° above the normal. The highest temperature was 82° at Georgetown on the 22d The warm periods were generally on the 4th and 5th, from the 8th to the 14th, and from the 20th to the 26th, inclusive. The lowest temperature was 13° at Caesar's Head on the 16th and 17th. The cold periods were on the 6th and 7th, from the 15th to 19th, inclusive, and at the end of the month, when the daily mean temperatures ranged from 5° to 18° below normal.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 65%; 8 p. m., 72%. The highest percentages occurred in the lower Savannah drainage basin and the southern coast counties, and the lowest, in the central interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 3.59 inches, or 0.12 inch above the normal. Precipitation was general in three periods and was badly distributed as to area and amounts. The rainfall ranged from 4 to 8 inches in the Piedmont and ranged downward from 3 inches to less than 1 inch toward the coast. The greatest local monthly amount was 8.00 inches at Caesar's Head; least local monthly amount, 0.69 inch at Summerville. The greatest amount during any 24 hours was 4.40 inches at Chester on the 27th and 28th. The average number of rainy days was normal.

Snow flurries occurred at Columbia on the 30th, and sleet occurred at Hogback Mountain on the 15th.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.4 miles. The highest average velocity was 12.3 miles per hour at Savannah, Ga., and in the Section proper, 10.4 miles per hour at Charleston; the lowest average velocity was 5.2 miles per hour at Charlotte, N.C., and in the Section proper, 7.2 miles per hour at Columbia. The highest velocity for any 5-minute period was 38 miles per hour from the west at Due West on the 26th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 175.6 hours, or 57% of the possible amount. The average number of clear days was 14; partly cloudy, 5, and cloudy, 12, as against normals of 13, 7, and 11 days, respectively.

RIVER CONDITIONS.

Moderate freshet conditions prevailed in the upper Saluda River on the 14th, and in the Broad, Saluda, Savannah, and Santee Rivers about the close of the month; during the remaining period, all streams of the Section were relatively low.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 13; Columbia, 11, 14, 21; Greenville, 11; Laurens, 11; Santuck, 20; Walhalla, 11, 27. *Solar:* Due West, 4, 11, 14, 21, 22, 27, 31; Greenville, 11, 20.

Fog, dense.—Calhoun Falls, 9; Charleston, 1, 8; Columbia, 9; Due West, 9, 24, 25; Greenville, 9, 14; Rimini, 9, 21, 25; Saluda, 9; Santuck, 8; Walhalla, 9.

Thunderstorms.—Charleston, 10; Columbia, 14; Due West, 13, 14; Santuck, 13.

ERRATA.

November, 1926.—Conway, greatest 24-hour precipitation, page 42, should be 1.70. Wedgefield, minimum temperature, page 42, should be 24 on the 12th. Enoree, S. C., station designation changed to Crescent, S. C.

MISCELLANEOUS DATA FOR DECEMBER, 1926.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.14	40.4	67	17	3.19	1.30	10.2	se.	84	66	71	42
Augusta, Ga.....	30.14	51.6	79	26	1.75	0.48	5.6	nw.	87	72	77	72
Charleston, S. C...	30.14	54.4	79	28	0.92	0.36	10.4	sw.	82	69	80	65
Charlotte, N. C ...	30 14	44.4	70	18	3.86	1.61	5.2	sw.	79	64	69	50
Columbia, S. C....	30.15	50.4	76	23	1.74	1.14	7.2	w.	79	57	62	54
Due West, S. C....	30.17	45.8	69	22	4.24	1.88	8.5	sw.	84	64	....	56
Greenville, S. C...	30.12	45.4	69	20	6.56	2.74	8.8	ne.	78	66	70	52
Savannah, Ga.....	30.14	56.4	78	31	0.77	0.39	12.3	ne.	81	64	69	60
Wilmington, N.C.	30.14	50.8	74	19	1.42	0.70	7.5	sw.	79	62	74	63
Means and extremes.....	30.14	48.8	79	17	2.72	2.74	8.4	sw.	81	65	72	57

Climatological Data for December, 1926.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort	Beaufort	21	45	.....	.....	.....	.....	23	19	45	3.55	+0.32	1.50	0	8	21	1	9	.....	Pathologist True's. Sup. Co.
Blackville	Barnwell	296	42	52.0	+4.6	78	† 5	23	19	45	0.92	−2.23	0.36	0	6	11	10	10	sw.	U. S. Weather Bureau.
Charleston	Charleston	48	55	54.4	+2.7	79	22	28	19	25	0.92	−2.23	0.36	0	6	11	10	10	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	44	47.2	+3.4	78	25	16	19	52	3.08	−0.06	1.03	0	8	...	...	...	....	Roland D. Powe.
Conway	Horry	25	36	52.6	+5.1	77	†13	18	19	52	1.30	−1.91	0.39	0	8	12	2	17	ne.	Paul Quattlebamm.
Darlington	Darlington	175	31	[a]48.0	+2.8	[a]78	25	[a]17	19	[a]45	2.47	−0.34	1.74	0	5	18	1	12	.....	D. C. McCall.
Effingham	Florence	106	35	.....	.....	.....	.....	.....	.....	.....	1.98	−1.15	1.15	0	4	...	...	..	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	40	.....	.....	[c]76	9	[d]24	17	[c]45	1.82	−1.15	1.10	0	5	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	44	49.6	+4.7	76	22	19	19	50	1.82	−1.13	1.29	0	8	13	7	11	ne.	H. K. Gilbert.
Florence 2	....do	136	11	.....	.....	.....	.....	.....	.....	.....	2.52	−0.43	1.80	0	7	12	8	11	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	8	53.8	.....	80	25	23	31	52	1.34	.....	0.75	0	5	18	4	9	.....	Maner B. Robert.
Georgetown	Georgetown	18	33	54.9	+6.0	82	22	21	†17	54	0.97	−2.48	0.50	0	5	16	4	11	nw.	A. P. Hazard.
Kingstree	Williamsburg	54	44	53.4	+6.1	78	25	20	19	54	0.76	−2.29	0.30	0	7	17	1	13	n	Mrs. Ellen Scott.
Mars Bluff	Florence	92	3	.....	.....	.....	.....	.....	.....	.....	2.00	.....	1.10	0	2	...	...	...	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	10	52.6	+3.2	78	25	23	19	52	1.23	−1.71	0.55	0	7	15	4	12	sw.	U. S. Fisheries Station.
Pinopolis	Berkeley	54	79	51.9	+4.7	74	† 9	22	16	.....	1.60	−1.38	1.00	0	3	23	0	8	sw.	Miss E. P. Ravenel.
Rimini	Sumter	97	12	.....	.....	.....	.....	.....	.....	.....	1.60	−1.50	0.80	0	5	...	...	...	.....	Boykin R. Cantey.
St. George	Dorchester	109	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	...	...	.....	R. L. Utsey.
Society Hill	Darlington	192	35	[c]47.6	+2.8	76	22	[c]20	17	[c]52	2.60	−0.50	1.56	0	6	15	4	12	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	28	[b]54.1	+5.2	[b]77	† 4	[b]22	19	[b]49	0.69	−2.66	0.62	0	3	20	5	6	sw.	Dr. William Simons.
Wedgefield	Sumter	249	36	51.6	+4.1	78	25	21	19	48	1.25	−1.94	0.45	0	6	16	7	8	w.	W Hampton Ramsey
Yemassee	Hampton	24	37	54.6	+6.7	81	25	23	19	54	1.69	−1.43	1.00	0	5	19	5	7	se.	W. C. Hutson.
Division means and	extremes	.....	....	51.9	+2.7	82	23	16	19	54	1.76	−1.32	1.80	0	6	16	5	10	sw.	
Western Portion.																				
Aiken	Aiken	527	64	52.8	+5.5	78	25	23	19	45	1.81	−1.80	0.47	0	7	14	2	15	nw.	Frank B. McCoy.
Anderson	Anderson	764	33	46.8	+3.0	70	4	22	19	37	4.74	−0.13	1.77	0	10	16	0	15	w.	H. H. Russell.
Blairs	Fairfield	293	21	.....	.....	.....	.....	.....	.....	.....	3.85	−0.05	1.74	0	13	...	...	...	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	2	39.4	.....	64	† 4	13	†16	36	8.00	.....	2.00	0	8	8	9	14	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	27	.....	.....	[g]72	4	18	17	[g]43	5.68	−0.88	2.10	0	10	12	4	15	.....	L. M. Parker.
Camden	Kershaw	222	76	50.2	+2.1	78	8	19	19	54	3.14	−0.86	2.04	0	9	....	....	....	....	Henry A. Brown.
Catawba	York	562	20	.....	.....	.....	.....	.....	.....	.....	4.20	+0.21	2.11	0	6	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	21	.....	.....	.....	.....	.....	.....	.....	4.25	−0.20	1.65	0	12	....	....	....	.....	George V. Clamp.
Chester	Chester	487	4	.....	.....	.....	.....	.....	.....	.....	7.51	.....	4.40	0	5	...	...	...	ne.	J. C. Cornwell.
Clemson College	Oconee	850	34	46.4	+3.7	71	† 4	19	17	42	7.55	+2.33	2.50	0	14	15	3	13	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	40	50.4	+3.2	76	25	23	19	35	1.74	−1.16	1.14	T.	10	13	10	8	w.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	4.29	.....	1.25	0	11	...	...	...	.....	Broad River Power Co.
Due West	Abbeville	711	12	45.8	+0.2	69	25	22	19	31	4.24	−0.49	1.88	0	14	8	12	11	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	12	.....	.....	.....	.....	.....	.....	.....	2.45	−0.63	1.00	0	6	...	...	...	.....	D. W. Sharpe.
Gaston Shoals †††	Cherokee	680	23	.....	.....	.....	.....	.....	.....	.....	3.80	−0.74	1.22	0	9	...	...	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	42	45.4	+3.2	69	22	20	19	24	6.56	−1.78	2.74	0	13	11	6	14	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	42	46.2	+3.2	71	† 1	21	†19	44	5.15	+0.72	2.00	0	11	14	0	17	w	M. M. Calhoun.
Heath Springs	Lancaster	568	24	46.8	+4.6	70	†10	18	19	47	3.33	−0.40	1.74	0	7	9	5	17	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	40.4	.....	63	4	14	16	37	6.15	.....	2.20	0	13	18	7	6	w.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	10	47.9	+1.9	75	25	17	19	42	3.08	+0.06	1.26	0	7	17	0	14	w.	John W. Hamel.
Landrum	Spartanburg	1063	11	45.2	+1.2	71	† 4	17	19	44	6.61	+0.93	2.24	0	9	18	3	10	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	8	46.5	.....	73	4	20	†17	45	4.40	.....	1.89	0	13	13	7	11	sw.	L. G. Roff.
Little Mountain	Newberry	711	33	46.5	+0.9	70	†20	19	19	37	4.68	+1.39	3.00	0	8	21	3	7	w.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	3.94	.....	1.46	0	8	...	...	...	.....	Broad River Power Co.
Newberry	Newberry	502	22	48.6	+4.3	73	25	23	17	46	4.83	+0.52	1.67	0	11	16	3	12	w.	John H. Baxter.
Pelzer	Anderson	850	22	.....	.....	.....	.....	.....	.....	.....	5.36	−0.02	1.38	0	13	...	...	...	.....	Joshua Y. Jones.
Salnda	Salnda	536	24	49.0	+3.6	75	13	22	19	44	4.23	+0.33	2.57	0	16	10	12	9	sw.	W. S. Crout.
Santuck	Union	512	33	47 6	+4 5	73	22	16	18	47	4.75	+0.59	1.82	0	14	12	4	15	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	49	44.4	+3.5	70	10	17	19	36	6.87	+2.63	1.50	0	10	19	2	10	....	M. H. Daniel.
Trenton	Edgefield	620	33	40.6	+3.5	76	25	22	19	48	2.23	−1.57	0.94	0	5	14	4	13	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	26	44.8	+1.5	70	† 4	17	19	42	7.96	+2.69	2.20	0	15	14	5	12	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	32	46.8	+4.1	74	25	19	19	41	3.67	+0.26	1.22	0	10	13	5	13	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	26	45.8	+2.8	72	22	17	19	41	4.64	+0.39	1.50	0	11	12	7	12	n.	W. T. Clawson.
Division means and	extremes	.....	....	46.7	+2.5	78	† 8	13	†16	54	4.70	+0.32	4.40	T.	10	14	5	12	w.	
Section means and	extremes	.....	....	48.7	+2.1	82	22	13	†16	54	3.59	+0.12	4.40	T.	8	14	5	12	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for December, 1926.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
nufort	Coast										.25	.30	.10		1.50		1.00					.10				.15			.15				3.55
ckville |||	Edisto											.29	.03	.01		.22	.36													.01			0.92
arleston ***	Coast									T.	T			.52	.92	.08	.31								T	.05		.05	1.03			3.08
eraw |||	Pee Dee						.12				T.	.09		T.	.22	.18	.30									.04		T.	.05			1.30
oway |||	Waccamaw	.39				.03																										2.47
rlington |||	Pee Dee									.08					1.74	.10	.15												.40			1.98
ingham |||	Lynches	T.									T.		T.		1.15	.10	.62					T.				.11			T.			1.82
rguson |||	Santee										.10			.07		1.10	.33									.20						1.82
orence 1 |||	Pee Dee					T.					.04	.05		.04	1.29						.08	.04				.04		.24				2.52
orence 2 |||	do										.03			.01	1.80		.23					.02			.08				T.	.35		
rnett	Savannah										T	.02			.35	.75						.01							.21			1.34
rgetown	Coast						T.				05	.05	.02		.50	.35						T							T.			0.97
ngstree |||	Black	.08										.10		.02	.03	.20	.30									.03			T.			0.76
rs Bluff	Pee Dee														1.10		.90															2.00
angeburg	Edisto										.17		.05	.01	.29	.55	.02							T.					T.	.14			1.23
opolis	Cooper										1.00				.10	.50																	1.60
mini |||	Santee										.16	.16			.28		.80										20						1.60
George	Edisto																																
ety Hill |||	Pee Dee										.10			.13	1.56	.07						.09							.65			2.60
mmerville	Ashley										.02				.05	.62								T.									0.69
dgefield	Wateree										T.		T.	.20	.45	.25						T.		T.			.10		.20	.05			1.25
nassee |||	Ashepoo	.51										.04		T.		.05	1.00													.09			1.69
Western Portion.																																	
ken	Edisto										.33			.09	.35	.47											11		.35	.21			1.81
derson	Savannah								.28	.18			.47	.67	.28	.46						.10		.08	.45			1.77					4.74
irs |||	Broad					.06	.09				.05			.24	.89	.19	.06						.14		.05	.12	.07		.15	1.74			3.85
sar's Head	Saluda								.22							.20						.80		.40	1.50	1.10			2.00				8.00
lhoun Falls |||	Savannah										T.			.48	1.50	.20	.04					.47		.10	.32	.27		.20	2.10			5.68
nden |||	Wateree						.02				.06			.04	2.04	.10	.04					.09						.15	.60			3.14
tawba |||	Catawba													.65	.70	.25										.27		22	2.11			4.20
appells |||	Saluda					.08	T.				.07			.35	1.65	.28	.07					.20		.08	.03	.10		12	1.22			4.25
ester	Broad							.10						.23	.78	.40								.60	.50		.50	4.40				7.51
enson College	Savannah					.05			.64	.11			.74	2.50	.24	.44								.10	.05	.60	.04	.04	1.90	.10			7.55
olumbia ***	Congaree					.03			T.	T.	T.		.01	.21	.93	.11						.03		.02	.02	.01		T.	.37		T.		1.74
escent	Enoree					.02			.19	.11			1.10	.17		.35								.08	.14	.54			.34	1.25				4.29
e West***	Savannah					.20			.01	.10	.02		.30	.43	.44	.40						.13	.08	.20	.08	.12	.05		T.	1.88				4.24
gefield |||	Savannah											.30			1.00	.15	.05												.75				2.45
ston Shoals |||	Broad										.04		.03	1.19	.27								12		.07	.54			.53	1.01			3.80
enville ***	Saluda					.10			.08	.05			.92	1.83	.18	.38						.06	.01	.21	.52	.40		T.	1.89				6.56
enwood |||	do						.14			.05	.08			.36	1.48	.28									.11	.07	.36		.22	2.00			5.15
ath Springs	Wateree					.06			.05	.06				.38	.75							.29						1.74				3.33
gback Mountain	Broad								.07	.08	.02		.42	.89		.38						.16	.37	.03	.78	.50	.25		2.20				6.15
rshaw |||	Lynches									.09				.26	.98	.25									.12				.12	1.26			3.08
ndrum	Broad												.74	.98		.41							.33		.52	.61	.06		2.24	.12			6.01
ureus	Saluda					.06			.10	.15			.48	.40	.58	.40						.07		.05	.19	.07		T.	1.89	.01			4.40
ttle Mountain	Saluda										.10		.10	.15		3.00	.33						.10	.08						.82			4.68
ckhart	Broad								T.	T.	.10			.70	.48	.30							.11			.51			.28	1.46			3.94
wberry	Saluda					.11			T.	.07			.33	.15	1.50	.43						.10		.25	.09		.13	T.	1.67				4.83
lzer |||	do						.02		T.	.50	.14		T.	1.38	.40	.36	.06						.04		.28	.42	.06		.36	1.34		..	5.36
nda	do					.09			.01		.05		.04	.13	2.57	.19	.01					.15	.03	.03	.05	.03	.05		.53	.27			4.23
ntuck	Broad					.05		.14		.02	.11	.34	.23	.64	.41							.07		T.	.30	.06	.11	T.	1.82	.45			4.75
artanburg |||	do									.20				1.50	.60	.80							.12		.65	.50		.50	.50	1.50			6.87
enton	Edisto											.14		T	T	.94	.26					T.	.14	T	T		T.		.75				2.23
lhalla	Savannah					.05			.57	.12			.55	1.86	.10	.49						.08	.20	.30	.44	1.00			2.20				7.96
nnsboro |||	Broad					.02								.35	1.22	.31	.11						.30		.02	.03			.16	1.15			3.67
inthrop College	Catawba								.16	.05			.35	.36	.49	.35									.38	.20	.05		1.50	.75			4.64

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR DECEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
887	44.9	76	18	4.65	10				ne.-e.
888	42.7	71	13	3.56	7				
889	55.4	79	17	0.53	1				sw.
890	45.9			2.25					
891	49.9			1.91					
892	47.1	76	6	2.45					
893	47.2	79	17	3.05	6	17	7	7	sw
894	48.1	85	— 1	2.56	7	15	8	8	nw.
895	46.1	80	15	3.04	6	16	7	8	nw.
896	44.0	83	8	3.55	7	17	6	8	ne.
897	47.6	82	21	2.40	8	11	8	12	ne
898	45.9	77	9	2.84	8	12	7	12	nw.
899	44.6	79	11	2.33	7	15	8	8	nw.
900	45.5	79	18	5.64	8	14	7	10	n
901	44.0	80	2	5.01	11	13	5	13	n.
902	46.8	85	10	4.26	7	14	6	11	nw.
903	41.0	72	10	1.95	6	20	5	6	w.
904	45.5	78	16	2.79	9	14	5	12	w.
905	45.2	77	16	7.25	10	12	4	15	ne.
906	48.0	89	11	3.25	7	14	8	9	sw.
907	46.2	75	12	5.81	10	14	7	10	w.
1908	50.6	83	23	2.84	7	13	9	9	w.
1909	42.8	84	7	2.81	7	17	7	7	nw.
1910	42.0	76	12	2.36	5	18	7	6	w
1911	49.8	85	18	4.94	9	11	7	13	ne.
1912	48.8	79	18	2.88	8	12	5	14	sw.
1913	47.8	77	16	4.25	9	10	7	14	w.
1914	43.9	80	11	4.80	13	6	6	19	ne.
1915	44.2	79	17	3.27	7	18	5	8	w.
1916	46.7	79	11	2.43	9	16	6	9	w.
1917	37.7	82	—6	1.47	6	15	6	10	ne.
1918	50.8	82	17	5.35	9	12	6	13	w.
1919	46.5	87	15	3.45	6	16	6	9	ne.
1920	46.1	75	18	4.01	8	15	5	11	w.
1921	50.3	80	20	1.54	5	16	7	8	w.
1922	51.0	86	22	4.90	13	10	5	16	ne.
1923	52.5	79	23	4.12	9	11	8	12	sw.
1924	47.6	86	12	5.54	8	13	5	13	ne.
1925	44.4	77	1	3.26	8	15	4	12	w.
1926	48.7	82	13	3.59	8	14	5	12	w.
Period	46.6	89	—6	3.47	8	13	7	11	w.

Daily Temperatures for December, 1926.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blackville	Maximum	69	59	70	73	78	60	47	76	77	74	62	73	78	78	53	49	48	48	44	63	70	77	75	69	65	55	45	42	50	51	59	62.5
	Minimum	37	35	31	48	56	54	31	45	43	55	50	44	52	65	48	30	25	30	23	25	54	61	48	48	37	35	41	35	35	39	29	41.6
Charleston	Maximum	65	54	60	72	75	63	50	72	74	71	65	64	71	68	63	46	52	48	44	59	70	79	56	60	73	67	52	70	66	48	57	62.4
	Minimum	46	42	43	52	57	41	34	50	57	62	52	52	61	63	46	37	38	33	28	36	54	54	50	49	53	47	42	48	42	37	36	46.5
Cheraw§§	Maximum	65	51	60	71	52	48	45	58	68	73	61	58	73	68	45	42	52	42	42	63	72	72	52	48	78	62	50	49	50	48	56	57.2
	Minimum	34	29	26	33	41	41	23	39	46	58	52	39	48	58	43	25	20	24	16	20	42	62	43	41	43	46	30	36	40	29	24	37.1
Conway	Maximum	65	59	62	73	68	66	57	73	74	72	70	61	77	72	69	45	53	44	46	67	74	77	65	61	77	71	59	74	69	54	59	64.9
	Minimum	35	33	28	39	50	42	26	40	52	59	51	40	53	64	43	30	22	26	18	22	41	61	44	40	45	54	38	45	48	34	25	40.3
Darlington§§	Maximum	68	55	64	73	67	50	51	63	75	....	74	64	74	73	52	46	55	45	42	64	76	77	52	54	78	62	43	51	54	47	59	[a]60.3
	Minimum	34	30	26	30	45	44	25	32	42	48	....	54	40	46	45	27	21	23	17	19	32	51	45	43	42	47	34	36	40	30	27	[a]35.8
Ferguson§§	Maximum	72	67	65	.....	.....	.....	.....	71	76	....	69	....	72	71	...	46	55	50	48	68	.....	.....	.....	.....	.....	.....	58	51	.....	.....	58	[c]62.3
	Minimum	.....	.....	34	38	47	50	30	33	40	55	52	40	.....	.....	49	32	24	28	26	23	30	51	46	43	43	34	33	37	31	30	26	[c]37.2
Florence I	Maximum	67	51	61	72	67	49	46	67	72	74	64	65	73	64	49	41	52	41	38	66	73	76	51	50	75	62	42	49	54	44	56	58.4
	Minimum	36	34	30	45	51	46	27	40	48	60	55	43	48	62	49	30	24	30	19	23	45	62	46	44	44	48	36	41	41	33	27	40.9
Garnett	Maximum	69	59	69	74	76	73	55	74	79	75	69	66	76	71	66	56	56	51	49	68	76	76	65	62	80	72	54	74	71	48	59	66.7
	Minimum	34	34	30	39	48	43	31	43	46	58	51	42	54	64	50	35	25	28	24	24	44	60	45	47	45	43	38	43	44	29	23	40.8
Georgetown	Maximum	68	63	67	76	77	69	48	74	77	72	72	60	78	75	77	49	57	48	69	75	53	82	74	65	77	61	62	75	68	65	59	67.5
	Minimum	54	34	33	39	51	44	27	41	49	59	55	42	53	51	46	30	21	26	21	45	46	60	45	43	45	51	37	46	47	33	37	42.3
Kingstree	Maximum	69	59	65	74	75	71	51	74	75	70	68	58	75	74	73	48	54	45	45	68	76	75	67	60	78	70	55	65	68	53	59	65.1
	Minimum	36	35	30	42	53	44	30	44	54	60	56	43	52	64	46	32	22	28	20	22	46	63	48	45	43	48	37	44	46	34	26	41.7
Orangeburg 1	Maximum	68	60	61	71	76	72	48	72	72	71	68	59	77	74	70	51	53	48	44	66	76	74	62	56	78	70	58	56	64	50	59	64.0
	Minimum	36	34	28	41	56	46	30	41	47	60	44	45	54	62	51	35	25	29	23	24	45	62	48	46	43	42	37	42	43	35	27	41.3
St. George	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Society Hill§§	Maximum	67	54	62	73	62	49	48	60	70	75	64	60	74	70	50	44	54	43	43	63	74	76	51	50	76	58	43	51	51	48	55	58.6
	Minimum	32	31	26	26	43	43	25	26	40	47	46	40	44	54	47	....	20	.....	...	21	22	53	44	42	43	47	35	34	38	31	27	[a]36.7
Summerville	Maximum	67	58	67	77	75	72	51	73	77	73	70	....	75	73	69	55	52	47	48	69	74	77	65	63	77	70	56	75	....	51	60	[b]66.1
	Minimum	36	35	32	45	53	49	30	44	51	60	55	...	45	63	50	34	26	29	22	25	46	59	49	47	49	47	38	41	....	32	27	[b]42.1
Wedgefield	Maximum	67	59	63	73	72	63	48	65	75	73	65	55	75	75	68	50	54	45	43	64	74	75	60	52	78	70	62	52	53	47	56	62.3
	Minimum	38	32	32	45	55	43	27	41	44	62	52	41	52	62	49	32	25	29	21	26	46	58	46	44	43	42	34	38	43	31	28	40.8
Yemassee	Maximum	70	62	68	74	78	69	53	76	78	74	70	65	78	72	67	54	57	50	50	69	78	77	70	64	81	70	53	77	68	49	59	67.1
	Minimum	35	33	30	40	51	51	32	42	52	58	55	42	55	61	52	38	26	30	23	24	43	61	56	46	45	43	38	43	45	28	24	42.0
Western Portion.																																	
Aiken	Maximum	67	64	64	72	75	72	49	69	75	70	66	60	76	75	69	51	56	51	49	65	73	72	64	57	78	76	53	49	54	48	49	63.5
	Minimum	39	34	35	42	58	48	30	44	49	60	47	46	58	61	49	29	28	31	23	28	50	57	45	44	45	41	36	39	40	26	39	42.0
Anderson	Maximum	65	58	60	70	60	59	45	49	59	69	59	50	59	70	59	45	45	48	45	59	65	69	59	45	68	65	45	41	51	45	52	56.1
	Minimum	35	31	34	42	43	42	28	36	48	54	41	42	43	56	43	25	24	28	22	28	46	48	41	43	45	36	33	36	36	24	30	37.5
Caesar's Head	Maximum	58	48	63	64	56	48	48	54	55	64	53	50	62	58	40	35	46	40	40	50	58	63	44	52	56	42	44	46	39	37	45	50.3
	Minimum	39	27	27	29	40	30	20	20	42	46	34	34	34	34	35	13	13	17	16	16	20	41	36	31	31	31	26	38	28	16	16	28.4
Calhoun Falls§§	Maximum	.....	...	66	72	62	58	48	52	62	64	61	62	66	....	50	50	52	50	....	62	67	....	48	68	.....	.....	41	.....	50	48	55	.....
	Minimum	31	29	28	29	42	47	25	26	39	44	47	44	40	43	41	21	18	19	19	19	27	46	42	37	38	36	31	31	33	21	22	42.4
Camden§§	Maximum	69	63	64	75	67	57	61	78	75	73	70	74	73	73	52	51	51	50	51	67	78	74	60	67	76	64	45	63	59	51	58	64.2
	Minimum	33	33	30	32	45	55	26	27	44	50	50	42	47	46	45	29	24	26	19	20	24	46	43	41	41	44	34	34	39	31	24	36.3
Chester	Maximum	.....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clemson College	Maximum	66	64	59	71	62	60	48	49	63	70	61	53	56	71	62	46	55	48	41	58	59	71	66	46	57	64	52	45	53	46	51	57.2
	Minimum	30	27	29	34	44	41	29	40	45	55	43	40	44	53	43	22	19	21	20	23	44	52	43	40	44	37	31	31	34	22	25	35.7
Columbia	Maximum	68	56	60	72	67	62	47	62	74	73	62	56	75	73	60	45	55	44	43	63	73	73	49	49	76	66	42	48	51	46	56	59.5
	Minimum	39	37	38	48	54	34	29	45	48	60	48	46	56	60	42	32	28	30	23	28	50	49	46	44	44	40	36	39	40	32	51	41.1
Due West	Maximum	65	55	59	68	59	59	45	48	62	69	57	49	63	69	50	43	52	45	42	59	66	68	50	44	69	54	40	42	48	44	52	54.7
	Minimum	37	30	34	41	44	35	29	40	46	49	42	42	44	50	34	27	24	29	22	28	47	49	43	41	44	36	34	35	35	27	30	37.0
Greenville	Maximum	63	56	57	69	57	55	42	48	59	67	59	47	57	69	52	43	52	45	41	55	64	69	48	45	63	54	40	41	46	43	49	53.4
	Minimum	41	38	38	45	41	33	28	40	47	48	43	41	42	52	31	26	30	28	20	32	50	48	41	39	44	37	33	34	34	26	27	37.3
Greenwood	Maximum	71	66	57	62	67	62	51	50	50	64	70	56	50	66	70	48	44	52	48	45	60	68	68	47	46	71	56	40	42	49	44	56.1
	Minimum	47	30	31	31	47	47	28	29	42	49	43	42	44	47	46	26	24	26	21	21	33	50	45	41	40	35	33	33	36	28	27	36.2
Heath Springs	Maximum	60	59	66	68	60	48	45	50	59	70	66	61	70	60	51	44	43	41	40	65	69	70	47	44	73	60	57	59	58	52	51	57.0
	Minimum	38	31	31	32	35	38	24	39	48	58	46	41	46	45	41	24	26	24	18	28	38	58	43	41	42	38	39	81	32	28	27	36.5
Hogback Mountain	Maximum	55	50	51	63	61	54	36	56	58	62	46	47	62	60	53	29	43	36	37	53	54	59	47	45	40	56	36	42	45	37	46	49.0
	Minimum	38	29	35	38	40	30	20	29	50	46	32	37	39	47	26	14	22	25	16	26	43	47	35	33	32	27	24	32	25	18	27	31.7
Kershaw	Maximum	65	54	61	71	61	61	46	54	64	73	73	58	71	68	59	44	52	43	44	51	72	73	49	45	75	69	52	45	50	44	54	58.1
	Minimum	38	32	29	43	45	32	24	41	47	60	46	42	46	57	36	27	23	28	17	25	48	46	44	43	43	42	33	37	40	29	27	37.7
Landrum	Maximum	65	59	60	71	61	57	45	52	53	71	60	49	61	59	62	39	52	46	42	60	61	65	59	44	49	62	62	39	45	44	50	55.0
	Minimum	38	31	27	34	42	41	26	35	47	52	43	38	40	39	26	24	19	26	17	27	49	53	43	40	44	37	30	34	36	28	27	35.3
Laurens	Maximum	68	55	60	73	63	61	44	49	59	72	60	51	61	71	60	44	53	45	42	58	66	72	52	44	70	69	46	42	49	46	51	56.6
	Minimum	31	38	28	35	35	40	28	41	47	59	43	40	44	58	42	25	20	23	20	22	42	52	44	40	42	36	33	35	36	25	28	36.4
Little Mountain	Maximum	59	58	55	64	64	56	43	56	65	65	65	60	58	60	56	48	45	44	41	56	60	62	62	58	70	70	51	43	45	45	42	55.7
	Minimum	39	32	36	44	46	36	25	40	43	49	48	43	41	40	38	32	24	27	19	28	48	56	39	45	48	38	31	35	30	29	28	37.3
Newberry	Maximum	67	56	62	72	62	63	48	51	67	72	59	52	72	71	58	45	53	47	45	61	72	71	54	46	73	73	49	46	53	46	55	58.7
	Minimum	34	33	30	38	48	38	28	43	46	59	45	43	47	57	42	36	23	25	21	26	46	53	45	42	45	39	33	36	39	28	25	38.5
Saluda	Maximum	67	61	61	71	65	64	47	58	67	71	65	55	75	67	67	50	49	49	43	55	62	62	62	57	73	73	55	45	51	48	53	59.6
	Minimum	32	27	27	35	51	44	29	43	48	60	46	42	48	61	47	27	23	24	22	24	41	58	44	42	44	38	33	37	40	28	28	38.3
Santuck	Maximum	65	57	60	72	65	55	49	61	68	72	65	65	72	63	45	53	46	44	61	64	68	73	64	46	68	68	52	43	52	46	54	59.2
	Minimum	29	25	25	30	43	40	41	46	50	59	38	45	58	41	22	18	20	16	21	29	41	57	45	41	43	38	32	36	39	27	22	36.0
Spartanburg	Maximum	63	55	60	63	60	51	46	52	54	70	58	48	58	68	42	41	50	52	40	55	65	70	60	54	65	53	48	41	48	44	50	54.5
	Minimum	31	27	28	34	42	41	26	30	44	50	40	38	42	44	42	25	18	22	17	22	42	51	43	40	41	40	32	35	34	22	23	34.4
Trenton	Maximum	65	58	63	70	70	53	63	72	72	69	64	55	74	71	65	48	53	47	46	62	72	70	65	55	76	71	50	50	50	46	61	61.5
	Minimum	42	34	35	44	43	49	40	49	49	60	44	44	54	63	48	29	27	27	22	27	42	57	45	42	46	28	33	34	38	28	30	29.8
Walhalla	Maximum	67	54	59	70	60	61	45	48	62	70	61	48	57	70	59	45	55	46	42	57	57	70	51	46	61	62	47	42	46	45	54	55.4
	Minimum	31	25	28	35	43	41	27	37	43	53	39	38	38	49	41	20	18	22	17	24	43	51	42	38	42	33	28	33	32	21	24	34.1
Winnsboro§§	Maximum	64	55	61	72	63	47	49	52	69	72	59	61	72	68	47	42	51	44	44	61	69	71	48	45	74	57	42	49	50	44	54	56.6
	Minimum	36	32	32	36	47	42	26	27	44	50	46	43	45	58	45	27	25	28	19	20	32	54	45	43	42	40	31	33	37	29	29	36.9
Winthrop College	Maximum	65	51	59	71	64	51	41	58	59	73	66	50	60	70	61	44	50	45	41	58	58	72	55	48	68	65	41	44	48	45	51	56.0
	Minimum	33	29	33	40	43	36	23	36	47	37	40	40	43	57	36	24	23	28	17	25	46	54	41	40	41	39	30	34	35	27	26	35.6

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 1-24-27—900

NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXIX. COLUMBIA, S. C., YEAR, 1926. No. 13.

GENERAL SUMMARY.

The notable features of the year 1926 were unusually cold weather during March and November, record-breaking heat in July, very light rainfall in May, August, September, and October, remarkably low water in the rivers at Columbia and Cheraw during May, June, September, October, and November, and a growing season nearly three weeks short of the normal. The mean annual temperature was somewhat below normal, and the total annual precipitation was considerably below the average. Tornadoes occurred in April, May, and July, with injury to two persons and property damage approximating $13,000. Lightning caused the death of five persons and injured three persons in July and August. In addition, severe windstorms, hail, and lightning caused approximately $438,250 damage to property in May, July, August, and November, the most disastrous series of storms culminating at Rock Hill on November 26, when one person was killed, twelve were injured, and property damaged at approximately $350,000.

Growth of winter cereals and hardy truck was rather slow during January, incident to rather cold, wet weather and much cloudiness. More favorable growing weather prevailed during February; the first peach bloom was noted on the 23rd, and tree fruit blooms increased toward the end of the month. Cold, raw weather and wet soil during March were unfavorable for growth of winter crops, and spring plowing was retarded; tree fruits were held in check. Crop growth improved during April, and cotton and corn planting became general during the first week; the woods were green in the central counties by the 14th. Drought marked May, resulting in irregular germination of cotton, corn, and other field crops, and the grain crops headed on short straw; cotton chopping began on the coastal plain during the second week. Drought persisted up-State during June, and tobacco stands were irregular; cotton chopping continued up-State, and the first cotton bloom was observed at Springfield on the 14th; cereal harvests were completed during the third week, with results above expectations. Irregular and badly distributed rains during July were unfavorable, as a whole, except in localities, and excessive heat at intervals aggravated drought conditions in the northwestern counties; the first open cotton boll was picked at Orangeburg on the 23rd; tobacco curing began toward the end of the month. Summer crops made good progress during August, except that cotton continued backward in the northwestern counties; the first cotton bale was ginned at Ridgeland on the 7th; tobacco curing ended about the middle of the month; truck and fruit were generally plentiful. Although the weather was unusually warm and precipitation deficient during September, all crops continued to advance, but fall plowing was retarded. Winter cereal plowing and planting were delayed by hard, dry soil during October. Changeable weather during November was unfavorable for develoment of fall and winter crops; excepting late cotton in the northwestern counties, all staple crops were beyond danger from frost; the woods were generally bare by the 15th. Mild December weather, as a whole, facilitated winter cereal seeding, with good stands generally, and winter truck was in good condition.

The last general spring killing frosts occurred about March 27 in the eastern and about April 8 in the western portion, and the first in autumn occurred about November 2 generally. The average latest spring killing frost date for 1926 was April 3, or 11 days later than normal, and the average earliest autumnal killing frost date was November 2, or 8 days earlier than normal. The growing season was 213 days in length, or 19 days shorter than normal.

The mean annual temperature was 62.7°, or 0.3° below normal. The warmest month was August, with a mean of 80.7°; coldest month, January, with a mean of 44.1°. The highest annual mean at any station was 66.0° at Charleston; lowest annual mean, 53.6° at Caesar's Head. The highest temperature was 108° at Calhoun Falls, Greenwood, Little Mountain, Newberry, Saluda, Society Hill, and Winnsboro on July 21; lowest temperature, 6° above zero at Caesar's Head on March 14.

Seasonal temperatures, with departures from the 40-year normals: Winter.—45.9°, −0.5°; spring. 59.9°, −2.8°, summer, 79.5°, +0.7°; autumn, 64.0°, +0.1°.

The average annual precipitation was 42.63 inches, or 5.03 inches below the normal. The greatest annual amount at any station was 59.58 inches at Caesar's Head: least annual amount, 31.20 inches at Mars Bluff. The greatest monthly amount at any station was 10.98 inches at Duc West in July; least monthy amount, 0.00 inch at Rimini in October. The average number of rainy days was 85; greatest number at any station, 106 at Columbia, Greenville, and Walhalla; least number, 51 at Mars Bluff. Average annual snowfall, 0.2 inch.

Snowfall, ranging from Traces to 12.0 inches, occured at at a number of stations on January 8, 9, 25, 26, and 27 and February 10 and 27, and quite generally on March 11, 13, and 15,

During the growing season, March to September, inclusive, the total rainfall was 24.38 inches or 6.57 inches below the normal.

Seasonal precipitation, with departures from the 40-year normal; Winter.—13 43, +1.99 inches; spring, 7.98, −2.51 inches; summer, 14.11 inches, −2.39 inches; autumn, 6.78 inches, −2.44 inches.

Freshets in the Santee River District with material damage occurred in January; moderate freshets also occurred in February, March, April, July, August, and December.

The average annual atmospheric pressure was 30.04 inches. The highest pressure was 30.66 inches at Columbia on December 19; the lowest pressure was 29.32 inches at Wilmington, N. C., on March 26, and in the Section proper, 29.34 inches at Charleston on the same date.

The average annual sunshine was 65% of the possible amount. The average annual number of clear days was 189; partly cloudy, 82, and cloudy, 94, as against normals of 173, 98, and 94 days, respectively.

The average annual relative humidity at 8 a. m. was 79%; noon, 58%, and 8 p. m., 68%.

The prevailing wind was from the southwest. The average annual hourly velocity was 8.1 miles. The highest velocity for any 5-minute period was 54 miles per hour from the southwest at Greenville on March 31, from the southeast at Charleston on July 28, and from the west at Greenville on August 20.

(CONTINUED ON PAGE 52.)

Climatological Data for the Year 1926.

Stations.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).							Number rainy days.	Sky.			Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for the year.	Greatest monthly.	Month.	Least monthly.	Month.	Total snowfall.		Number clear days.	Number partly cloudy days.	Number cloudy days.	
EASTERN PORTION.																				
Beaufort	Beaufort	21	14	.....	.....	.....	27	Mch. 14	46	.....	8.31	June	.....	.....	0	.....	.....	.....	.....	.....
Blackville	Barnwell	296	43	64.9	103	June 9†	21	Mch. 14	43	52.72	8.71	Jan.	1.05	Oct.	T.	84	253	33	79	.....
Charleston	Charleston	48	54	66.0	97	July 10†	25	Mch. 14	56	35.12	5.65	June	0.85	Oct.	T.	99	130	129	106	sw.
Cheraw	Chesterfield	144	45	61.9	105	July 20†	18	Jan. 1†	45	43.51	6.01	July	0.54	May	0	78	.....	.....	.....	.....
Conway	Horry	25	30	64.3	99	July 20†	18	Jan. 1	38	46.40	7.61	July	1.07	Oct.	T.	96	206	37	122	sw.
Darlington	Darlington	175	27	.....	106	July 21	17	Mch. 14	32	.....	5.97	Jan.	0.52	Sept.	1.5	.....	.....	.....	.....	.....
Effingham	Florence	106	.....	.....	.....	.....	.....	.....	36	39.07	6.14	Jan.	1.13	May	0.5	77	.....	.....	.....	.....
Ferguson	Orangeburg	63	38	.....	102	July 21	24	Feb. 12†	41	49.69	10.35	July	0.92	Oct.	T.	93	.....	.....	.....	.....
Florence 1	Florence	136	45	.....	105	July 21	19	Dec. 19	45	.....	9.21	June	0.65	Oct.	0	.....	.....	.....	.....	.....
Florence 2	Florence	136	.....	.....	.....	.....	.....	.....	10	36.91	6.20	June	0.50	Oct.	0.1	76	190	61	114	sw.
Garnett	Hampton	82	9	65.8	104	July 21	22	Jan. 1	9	51.10	10.72	June	1.42	Oct.	0	104	165	137	63	.....
Georgetown	Georgetown	12	34	.....	100	June 13†	20	Mch. 14	34	.....	6.21	Jan.	0.97	Dec.	0	.....	.....	.....	.....	ne.
Kingstree	Williamsburg	54	45	65.0	101	July 21	20	Dec. 19	45	40.74	6.50	June	0.74	Oct.	T.	92	230	31	104	s.
Mars Bluff	Florence	92	.....	.....	.....	.....	.....	.....	3	31.20	5.50	Jan.	0.85	Oct.	0	51	.....	.....	.....	.....
Orangeburg 1	Orangeburg	264	11	64.7	104	July 21	22	Jan. 1	11	33.27	5.79	Jan.	0.65	Oct.	0.1	89	176	107	82	sw.
Pinopolis**	Berkeley	54	42	.....	.....	... .	22	Dec. 16	89	.....	9.19	June	1.05	Oct.	T.	.. ..	.....	.....	.....	.....
Rimini	Clarendon	97	.....	.....	.....	.....	.....	.....	16	42.61	7.93	June	0.00	Oct.	0	. 62	.....	.....	.....	.....
St. George	Dorchester	109	44	.....	.....	.. ..	21	Jan. 1	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Society Hill	Darlington	192	36	62.0	108	July 21	18	Jan. 1†	36	36.92	6.01	Jan.	0.48	Oct.	2.0	86	251	33	81	s.
Summerville	Dorchester	75	29	.....	97	July 21	21	Jan. 1	29	36.18	6.13	June	0.55	Oct.	T.	76	215	72	78	sw.
Wedgefield	Sumter	249	5	63.9	105	July 21	20	Mch. 14	5	41.70	8.45	July	0.98	Oct.	T.	77	259	49	57	w.
Yemassee	Hampton	24	38	65.1	99	May 26	21	Jan. 1	38	47.24	10.37	June	0.96	Oct.	T.	88	208	37	120	sw.
Division means and extremes.		.....	.....	64.3	108	July 21	17	Mch. 14	.....	41.99	10.72	June	0.00	Oct.	0.3	82	207	72	86	sw.
WESTERN PORTION.																				
Aiken	Aiken	527	63	65.1	102	July 21	26	Jan. 1†	65	46.04	9.76	July	0.80	Oct.	T.	72	195	39	131	nw.
Anderson	Anderson	764	30	60.8	106	July 21	16	Mch. 14	34	45.16	7.60	Jan.	0.60	May	1.0	88	219	13	133	w.
Blairs	Fairfield	293	.....	.....	.....	.....	.....	.....	22	36.67	8.23	July	0.41	May	T.	89	.....	.....	.....	.....
Cæsar's Head	Greenville	3118	3	53.6	98	May 25	6	Mch. 14	3	59.58	8.13	Jan.	0.73	May	12.0	66	135	79	151	.....
Calhoun Falls	Abbeville	508	10	.....	108	July 21	11	Mch. 14	28	42.73	6.56	Jan.	0.20	May	T.	87	162	101	102	w.
Camden	Kershaw	222	48	.....	106	July 23	19	Jan. 1†	78	41.14	7.77	Jan.	0.52	May	2.0	93	.....	.....	.....	.....
Catawba	York	502	.....	.....	.....	.....	.....	.....	21	36.44	6.96	July	0.20	Oct.	2.0	70	.....	.....	.....	.....
Chappells	Newberry	402	.....	.....	.....	.....	.....	.....	22	41.53	6.19	Jan.	0.30	May	T.	98	.....	.....	.....	.....
Chester	Chester	487	5	.....	106	July 20†	17	Mch. 14	5	.....	9.84	July	0.36	Oct.	2.0	.....	.....	.....	.....	ne.
Clemson College	Oconee	850	32	61.1	104	July 21	12	Mch. 14	35	50.43	8.46	Jan.	0.33	May	1.8	102	.....	.....	.....	w.
Columbia	Richland	351	40	64.0	104	July 20	20	Mch. 14	40	36.15	8.79	July	0.60	May	T.	106	142	136	87	sw.
Due West	Abbeville	711	13	61.2	105	July 21	18	Mch. 14	13	42.97	10.98	July	0.49	May	0.4	58	126	141	98	sw.
Edgefield	Edgefield	.....	.....	.....	.....	.....	.....	.....	14	42.40	6.80	Mar.	0.15	May	0	58	.....	.....	.....	.....
Enoree	.....	987	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gaston Shoals††	Cherokee	680	.....	.....	.....	.....	.....	.....	24	39.15	6.91	Jan.	0.50	Sept.	4.5	91	.....	.....	.....	.....
Greenville	Greenville	989	43	60.7	103	July 21	18	Mch. 14	43	45.11	7.73	Jan.	0.25	May	6.6	106	136	125	94	sw.
Greenwood	Greenwood	671	43	61.6	108	July 21	16	Mch. 14	43	40.40	5.85	July	0.23	May	0	89	.....	.....	.....	w.
Heath Springs	Lancaster	568	25	61.2	105	July 21	15	Mch. 14	25	37.44	6.26	July	0.18	Sept.	4.0	76	148	69	138	w.
Hogback Mountain	.....	3025	1	.....	.....	.....	14	Dec. 16	1	.....	.....	.....	.....	.....	.....	.	.....	.....	.....	.....
Kershaw	Kershaw	500	11	62.5	107	July 21	16	Mch. 14	11	37.97	5.09	Apr.	0.44	May	4.0	81	202	14	149	w.
Landrum	Spartanburg	1063	12	59.7	104	July 21	15	Mch. 14	12	51.74	6.93	July	1.09	May	7.3	77	215	83	67	sw.
Laurens	Laurens	589	9	61.7	107	July 21	16	Mch. 14	9	37.09	6.35	July	0.55	May	0.2	95	191	130	44	sw.
Little Mountain	Newberry	711	34	62.9	108	July 21	16	Mch. 14	34	40.90	8.81	July	1.41	Oct.	1.0	73	206	88	71	w.
Lockhart	.....	336	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newberry	Newberry	502	23	63.1	108	July 21	16	Mch. 14	23	40.60	6.60	Jan.	1.23	May	0.8	101	183	94	88	w.
Pelzer	Anderson	850	.....	.....	.....	.....	.....	.....	23	48.14	7.68	Jan.	0.82	May	4.2	103	.....	.....	.....	.....
Saluda	Saluda	536	25	62.8	108	July 21	18	Mch. 14	25	38.97	6.34	July	0.31	May	T.	105	167	145	53	sw.
Santuck	Union	512	34	.....	106	July 21	14	Mch. 14	34	39.11	5.85	July	0.23	May	1.4	98	175	119	71	w.
Spartanburg	Spartanburg	875	50	.....	106	July 22†	13	Mch. 14	48	.....	7.42	Jan.	T.	May	6.7	.....	.....	.....	.....	.....
Trenton	Edgefield	620	34	.....	.....	.....	20	Mch. 14	34	.....	.....	.....	.....	.....	4.3	.....	.....	.....	.....	sw
Walhalla	Oconee	1061	25	59.5	106	July 21	11	Mch. 14	27	58.74	9.52	Jan.	0.82	May	7.0	106	191	99	75	sw.
Winnsboro	....do.....	545	33	62.1	108	July 21	19	Dec. 19	33	36.52	7.14	July	0.75	May	T.	95	172	95	98	sw.
Winthrop College ††	York	690	27	61.7	106	July 20†	16	Mch. 14	27	38.37	5.75	July	0.57	Oct.	1.2	87	126	184	55	sw.
Division means and extremes.		.....	.....	61.6	108	July 21	6	Mch. 14	.....	42.85	10.98	July	T.	May	2.1	90	180	94	91	sw.
Section means and extremes.		.....	.....	62.7	108	July 21	6	Mch. 14	.....	42.63	10.98	July	0.00	Oct.	1.3	85	189	82	94	sw.

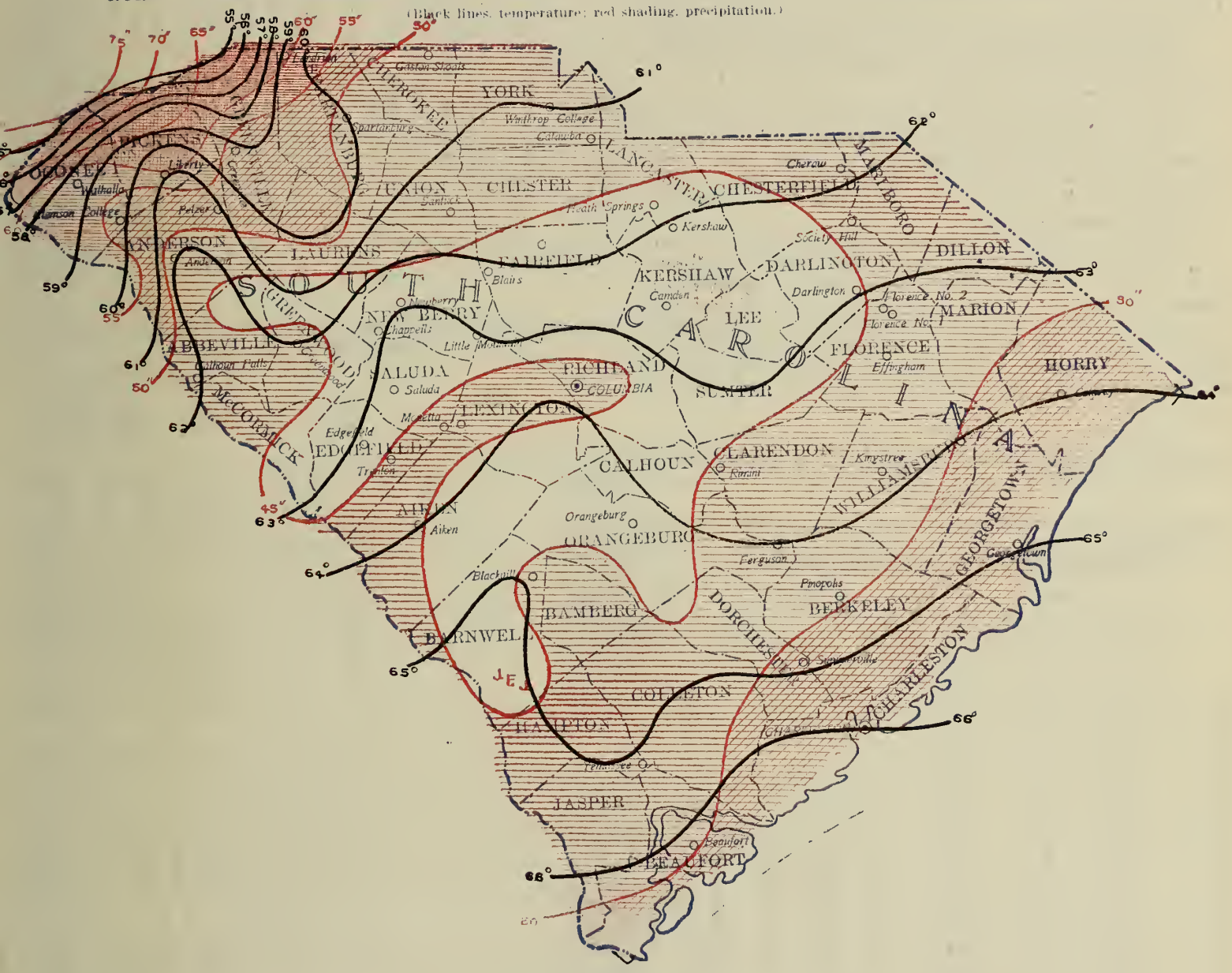
† On other dates also.

** Temperature data are from observed readings of the dry bulb; means are computed from observed readings.

†† Postoffice addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

NORMAL ANNUAL TEMPERATURE AND PRECIPITATION AND LOCATION OF OBSERVING STATIONS.

(Black lines, temperature; red shading, precipitation.)



SCALE OF SHADES, Inches.

W B O. Raleigh. 3-31-27—1,000

Sumter County on the 28th. Rather severe wind, hail, and thunderstorms occurred in various sections on the 1st, 21st, 22d, and 28th, with the death of one person on the 22d, and a general loss estimated at about $3,600.

August.—Considerably warmer weather than usual prevailed, and the precipitation averaged much below normal. Four persons were killed and two persons were injured by lightning on the 11th and 20th, and rather severe thunderstorms traversed sections of the north-central counties on tne 20th. Moderate freshets occurred in several streams during the month.

September.—Unusually warm weather prevailed, with daily mean temperatures below normal on but three days. The rainfall was decidedly below normal.

October.—The rainfall was less than half the normal. The mouth was considerably warmer than usual, with daily mean temperatures 5° to 15° above normal on 18 dates. Snow flurries occurred at many points in the interior on the 26th. Heavy to killing frosts were quite general in the interior from the 25th to the 28th, inclusive.

November.—The month was abnormally cold, but one previous November being colder. Precipitation was considerably above normal. The line of first autumnal killing frosts extended nearly to the lower coast by the 11th. Severe local thunderstorms during the afternoon of the 26th in the northern tier of counties culminated at Rock Hill in the death of one person, injury to 12, and property damage estimated at $350,000, with $15,000 loss near Greenville, and $1,500 loss near Sharon.

December.—A generally mild month, with rainfall somewhat above normal. Snow flurries occurred at several stations on the 15th and 30th.

ERRATA.

July, 1926.—Extreme maximum temperature for period in Comparative Data, page 27, should be 110.

COMPARATIVE DATA FOR SOUTH CAROLINA.

Year.	Temperature.			Precipitation		Average number of days.			Prevailing wind direction.
	Mean.	Highest.	Lowest.	Average.	Average days with 0.01 inch or more.	Clear.	Partly Cloudy.	Cloudy.	
1887	62.3	110	5	43.43	101	.....	.....	.....	.....
1888	61.8	108	13	54.63	104	.....	.....	.....	sw.
1889	62.0	102	10	46.76	86	.....	.....	.....	se. †
1890	64.4	104	11	42.29	.....	.....	.....	.....	sw.
1891	63.0	.....	13	47.52	.....	.....	.....	.....	.....
1892	62.4	102	6	47.36	.....	.....	.....	.....	.....
1893	63.0	104	3	53.68	98	.....	.....	.....	sw.
1894	63.5	105	− 1	50.49	105	154	123	88	sw.
1895	61.9	105	− 6	48.99	88	154	116	95	sw.
1896	63.9	104	5	44.95	86	163	119	84	sw.
1897	63.3	107	3	46.40	99	158	102	105	sw.
1898	63.2	106	8	49.26	107	143	111	111	sw.
1899	62.8	105	−11	46.76	95	158	104	103	sw.
1900	63.2	106	1	49.79	96	167	99	99	sw.
1901	61.1	102	2	54.98	106	167	102	96	sw.
1902	62.6	107	10	46.43	98	172	99	94	sw.
1903	62.2	105	10	50.87	103	166	95	104	sw.
1904	61.7	105	8	40.98	95	188	87	91	sw. †
1905	62.6	107	0	45.10	92	169	85	111	sw. †
1906	63.3	102	11	54.81	107	159	103	93	sw.
1907	63.3	106	12	47.79	99	157	123	75	sw.
1908	63.7	100	12	53.33	94	169	114	83	sw.
1909	63.4	105	7	44.61	91	178	113	73	sw.
1910	62.7	103	11	45.31	91	181	111	73	sw.
1911	64.9	106	16	39.80	91	161	120	84	sw.
1912	62.5	109	6	54.32	102	177	70	119	sw.
1913	63.8	109	16	47.57	93	181	81	103	sw.
1914	62.5	108	11	43.39	96	163	110	92	w.
1915	62.9	106	17	48.89	93	190	92	83	w.
1916	63.4	103	10	43.91	93	184	97	85	sw.
1917	61.4	102	− 5	43.49	97	192	85	88	sw.
1918	63.2	106	− 2	46.48	94	186	85	94	sw.
1919	64.1	103	8	46.79	88	189	88	88	ne.
1920	61.9	105	6	52.24	93	183	83	100	ne.
1921	64.8	104	17	42.83	90	178	97	90	w.
1922	64.0	101	14	58.17	112	163	91	111	ne.
1923	63.1	104	11	46.60	98	176	85	104	sw.
1924	61.7	105	1	56.99	97	196	71	99	w.
1925	64.2	111	1	35.82	81	195	80	90	s. †
1926	62.7	108	6	42.63	85	189	82	94	sw.
Annual	63.0	111	−11	47.66	96	173	98	94	sw.

† Also other directions.

MONTHLY AND ANNUAL CLIMATOLOGICAL DATA FOR SOUTH CAROLINA, YEAR 1926.

Months.	Temperature.				Precipitation.			Relative humidity.		Percentage of possible sunshine.	Number of days.				Wind.	
	Mean.	Departures.	Highest.	Lowest.	Average.	Departures.	Greatest local monthly amount.	Average—8 a. m.	Average—Noon.	Average—8 p. m.	Rainy.	Clear.	Partly Cloudy.	Cloudy.	Average hourly velocity.	Prevailing direction.
January	44.1	−1.4	76	12	6.18	+2.52	9.52	82	67	72	43	11	11	6	14	8.6	w.
February	49.3	+2.1	78	12	3.99	−0.32	5.70	80	59	64	64	6	15	6	7	10.8	w.
March	48.8	−6.0	83	6	4.49	+0.59	6.80	74	54	62	65	8	17	7	7	10.4	sw.
April	60.3	−2.1	94	26	2.43	−0.59	5.09	72	53	60	73	6	18	6	6	9.2	sw.
May	70.6	−0.4	103	38	1.06	−2.51	3.54	69	44	56	78	5	21	6	4	8.2	sw.
June	77.2	−0.4	103	46	4.41	−0.38	10.72	77	57	69	64	8	11	7	12	7.5	w.
July	80.5	+0.7	108	50	6.24	+0.35	10.98	80	58	70	65	10	14	10	7	7.4	sw.
August	80.7	+1.8	100	55	3.46	−2.36	6.05	87	62	76	73	7	17	10	4	6.1	sw.
September	77.0	+2.6	101	52	2.29	−1.67	6.52	86	61	72	68	4	17	7	6	6.1	ne.
October	65.1	+1.5	96	26	1.44	−1.51	4.51	82	55	69	65	5	17	7	7	6.6	sw.
November	50.0	−3.6	85	17	3.05	+0.74	6.12	81	60	69	63	7	17	5	8	7.9	ne.
December	48.7	+2.1	82	13	3.59	+0.12	8.00	81	65	72	57	8	14	5	12	8.4	w.
Annual	62.7	*−0.3	108	6	42.63	*−5.03	10.98	79	58	68	65	85	189	82	94	8.1	sw.

* From 40-year averages.

KILLING FROST OR FREEZING TEMPERATURE DATES AND GROWING DAYS.

Stations.	1926.		Averages—all records.		
	Last in spring.	First in autumn.	Last spring date.	First autumn date.	No. of growing days.
EASTERN PORTION.					
Beaufort	Mch. 16	.....	Feb. 24	Dec. 1	280
Blackville	Mch. 16	Nov. 11	Mch. 20	Nov. 12	237
Charleston	Mch. 14	Dec. 19	Feb. 20	Dec. 10	293
Cheraw	Apr. 20	Oct. 26	Mch. 29	Nov. 3	219
Conway	Apr. 20	Oct. 28	Mch. 23	Nov. 8	230
Darlington	Apr. 20	Oct. 28	Mch. 31	Nov. 2	216
Ferguson	Mch. 16	Nov. 6	Mch. 28	Nov. 7	224
Florence No. 1	.....	Oct. 28	Mch. 23	Nov. 11	233
Garnett	Mch. 18	Oct. 28	.....	.....	.....
Georgetown	Apr. 20	Oct. 28	Mch. 10	Nov. 18	253
Kingstree	Mch. 18	Oct. 28	Mch. 16	Nov. 15	244
Orangeburg	Mch. 17	Oct. 28	.....	.....	.....
Pinopolis	Mch. 19	Nov. 6	Mch. 6	Nov. 26	265
St. George	Mch. 18	.....	Mch. 11	Nov. 13	247
Society Hill	Apr. 20	Oct. 26	Mch. 22	Nov. 8	231
Summerville	Mch. 18	Oct. 28	Mch. 15	Nov. 14	244
Wedgefield	Mch. 16	Nov. 11	Mch. 22	Nov. 19	242
Yemassee	Mch. 18	Oct. 28	Mch. 13	Nov. 12	244
Normal	.....	.....	Mch. 17	Nov. 13	241
Averages for 1926	Mch. 27	Nov. 2	.....	.....	220
WESTERN PORTION.					
Aiken	Mch. 16	Nov. 11	Mch. 16	Nov. 18	247
Anderson	Mch. 28	Oct. 27	Mch. 27	Nov. 5	223
Caesar's Head	Apr. 20	Oct. 26	.....	.....	.....
Calhoun Falls	Apr. 20	Oct. 26	.....	.....	.....
Camden	Mch. 19	Nov. 11	Mch. 11	Nov. 11	245
Chester	Apr. 20	Oct. 28	.....	.....	.....
Clemson College	Apr. 20	Nov. 5	Apr. 2	Nov. 3	215
Columbia	Mch. 16	Nov. 11	Mch. 18	Nov. 18	245
Due West	Mch. 28	Nov. 5	Mch. 21	Nov. 10	234
Greenville	Mch. 28	Nov. 11	Apr. 3	Nov. 2	213
Greenwood	Mch. 28	Nov. 6	Mch. 25	Nov. 8	228
Heath Springs	Apr. 20	Oct. 26	Mch. 29	Nov. 4	220
Hogback Mountain	.....	Oct. 25	.....	.....	.....
Kershaw	Apr. 20	Oct. 26	.....	.....	.....
Landrum	Apr. 4	Oct. 28	.....	.....	.....
Laurens	Apr. 20	Oct. 26	.....	.....	.....
Little Mountain	Mch. 28	Oct. 26	Mch. 25	Nov. 11	231
Newberry	Apr. 20	Nov. 6	Mch. 30	Nov. 4	219
Saluda	Apr. 20	Oct. 28	Apr. 5	Oct. 26	204
Santuck	Apr. 20	Oct. 26	Apr. 3	Oct. 31	211
Spartanburg	.....	Oct. 27	Mch. 30	Nov. 1	216
Trenton	Mch. 18	Nov. 11	Mch. 21	Nov. 14	238
Walhalla	Apr. 20	Oct. 27	Apr. 8	Oct. 29	204
Winnsboro	Apr. 20	Nov. 11	Mch. 27	Nov. 12	230
Winthrop College	Apr. 20	Oct. 26	Mch. 29	Nov. 5	221
Normal	.....	.....	Mch. 27	Nov. 7	225
Averages for 1926	Apr. 8	Nov. 1	.....	.....	207
Section Normal	.....	.....	Mch. 23	Nov. 10	232
Section averages for 1926	Apr. 3	Nov. 2	.....	.....	213

NOTE.—Killing frost data in above table determined according to the following standard: Last or first clear or partly cloudy day with temperature of 32° or lower and last or first cloudy day with 31° or lower, but without rain, sleet or snow; in case of precipitation, then the next preceding or succeeding day with proper temperature and weather was used. The average number of growing days is the difference between the average spring and autumn killing frost dates.

Monthly and Annual Precipitation for the Year 1926, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
EASTERN PORTION.																										
Beaufort	6.52	+3.79	3.69	+0.17	3.78	+0.43	2.04	−0.27	3.27	+0.12	8.31	+2.91	7.75	+1.59	.....	.....	.....	.....	.....	.....	.....	.....	3.55	+0.32	52.72	+ 6.33
Blackville	8.71	+5.79	3.79	−0.47	4.61	+1.29	4.48	−1.19	1.81	−1.69	7.40	+1.76	8.58	+3.05	3.04	−2.63	2.35	−1.73	1.05	−1.83	3.35	+1.35	0.92	−2.23	35.12	−16.95
Charleston	5.02	+1.57	3.08	−0.38	3.61	−0.11	2.48	−0.51	2.33	−1.14	5.65	−0.31	4.29	−2.97	2.38	−4.59	2.66	−2.80	0.85	−3.08	1.90	−0.97	0.92	−2.23	35.12	−16.95
Cheraw	5.40	+2.50	4.28	+0.17	3.97	+0.38	5.05	−2.11	0.54	−2.96	3.10	−2.15	6.01	−0.13	5.65	−0.95	3.03	−0.54	0.72	−1.09	2.68	+0.57	3.08	−0.06	43.51	− 3.15
Conway	6.57	+3.10	4.64	+0.28	4.23	+0.64	1.26	−1.84	1.42	−2.14	4.81	−0.06	7.61	+0.80	4.36	−2.86	5.03	+0.24	1.07	−2.15	4.10	+1.89	1.30	−1.91	46.40	− 4.01
Darlington	5.97	+3.42	4.16	+0.29	3.21	+0.20	5.45	+2.26	0.56	−2.78	4.55	−1.04	2.68	−2.88	.....	.....	2.64	−1.30	0.52	−2.59	.....	.....	2.47	−0.34	.....	.....
Effingham	6.14	+2.78	3.68	−1.26	3.63	+0.16	1.89	−1.43	1.13	−2.40	5.46	−0.40	4.55	−1.21	3.30	−2.80	2.08	−1.93	1.22	−1.76	4.01	+1.91	1.98	−1.15	39.07	−9.81
Ferguson	4.96	+1.38	4.24	+0.35	3.85	+0.40	2.89	+0.02	1.30	−2.87	5.55	−0.11	10.35	+3.71	5.49	−1.35	4.64	+0.86	0.92	−1.95	3.68	+1.51	1.82	−1.15	49.69	+0.78
Florence 1	.....	.....	.....	.....	.....	.....	3.88	+1.05	1.21	−2.49	9.21	+3.94	3.83	−2.02	2.96	−3.59	1.93	−2.16	0.65	−3.41	2.66	+0.29	1.82	−1.13	.....	.....
Florence 2	5.27	+2.47	3.47	−0.68	2.81	−0.36	3.75	+0.92	0.91	−2.79	6.20	+0.93	3.16	−2.69	2.23	−3.32	2.45	−1.54	0.50	−2.56	3.66	+1.29	2.52	−0.45	36.91	−8.60
Garnett	7.00	.....	4.37	.....	3.82	.....	3.10	.....	3.54	.....	10.72	.....	6.82	.....	3.39	.....	1.68	.....	1.42	.....	3.90	.....	1.34	.....	51.10	.....
Georgetown	6.21	+2.81	5.70	+1.56	2.38	−1.13	1.91	−1.42	2.20	−1.24	4.58	−0.99	3.18	−4.22	.....	.....	4.19	+0.03	2.14	−1.04	5.28	+2.83	0.97	−2.48	.....	.....
Kingstree	5.11	+2.05	3.90	−0.05	4.00	+0.60	1.66	−1.15	1.10	−2.09	6.50	+1.34	4.00	−2.52	4.56	−1.74	4.60	+0.50	0.74	−2.11	3.81	+1.76	0.76	−2.29	40.74	−5.70
Mars Bluff	5.50	.....	3.55	.....	2.85	.....	1.55	.....	1.00	.....	4.80	.....	2.40	.....	2.00	.....	1.70	.....	0.85	.....	3.00	.....	2.00	.....	31.20	.....
Orangeburg	5.79	+2.03	4.21	+0.76	4.00	+0.44	2.43	−0.38	1.29	−2.20	3.94	−0.55	4.76	−2.41	1.57	−3.35	1.06	−2.61	0.65	−1.37	2.34	+0.84	1.23	−1.71	33.27	−9.15
Pinopolis	.....	.....	.....	.....	4.15	+0.53	2.82	−0.15	2.42	−1.24	9.19	+3.46	.....	.....	.....	.....	3.90	−0.68	1.05	−1.99	3.47	+1.03	1.60	−1.38	.....	.....
Rimini	5.03	+2.05	4.42	+0.67	3.52	−0.25	1.95	−0.92	1.52	−2.71	7.93	+3.94	7.48	−0.90	3.79	−2.06	2.62	−1.19	0.00	−2.46	2.75	+1.15	1.60	−1.50	42.61	−4.18
St. George	4.67	+0.58	4.15	+0.34	3.83	+0.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Society Hill	6.01	+3.01	4.16	−0.25	3.33	+0.00	4.44	+1.18	0.47	−2.83	3.12	−2.32	3.92	−2.51	3.40	−2.30	1.66	−2.32	0.48	−2.57	3.33	+1.16	2.60	−0.50	36.92	−10.19
Summerville	5.24	+1.18	1.66	−2.49	2.34	−0.98	3.65	+0.24	1.48	−1.84	6.13	+0.87	3.62	−3.04	3.09	+1.33	5.08	+0.64	0.55	−2.92	2.65	+0.37	0.69	−2.66	36.18	−14.36
Wedgefield	6.69	+3.27	3.05	−1.05	3.43	−0.13	2.35	−0.71	1.24	−2.09	4.84	−0.05	8.45	+3.43	3.65	−2.86	3.93	+0.46	0.98	−1.87	1.84	−0.38	1.25	−1.94	41.70	+3.37
Yemassee	5.39	+2.62	4.30	+0.46	3.69	+0.20	1.67	−1.35	2.34	−1.16	10.37	+4.38	7.76	+0.90	4.11	−2.38	1.47	−2.57	0.96	−1.88	3.49	+1.43	1.69	−1.43	47.24	−0.78
Division means and departures.	5.86	+2.79	3.81	−0.23	3.66	+0.16	2.76	−0.28	1.47	−2.02	6.39	+0.93	5.71	−0.61	3.47	−2.83	2.94	−1.17	0.90	−2.08	3.26	+1.13	1.76	−1.32	41.99	−5.53
WESTERN PORTION.																										
Aiken	7.75	+4.17	3.36	−0.69	5.75	+1.79	1.28	−1.81	2.07	−1.39	6.56	+0.82	9.76	+4.92	3.23	−2.20	2.31	−1.07	0.80	−1.83	1.36	−1.21	1.81	−1.80	46.04	+0.70
Anderson	7.00	+3.07	4.76	−3.37	5.11	+0.51	1.54	−1.64	0.60	−2.44	3.24	−0.51	6.21	+1.17	4.60	−0.73	0.73	−2.26	3.32	+0.54	3.31	+0.61	4.74	−0.13	45.16	−2.18
Blairs	5.50	+2.02	4.15	+0.34	5.09	+1.39	1.46	−1.10	0.41	−2.46	1.85	−2.62	8.23	+2.89	2.60	−2.50	1.45	−1.35	0.48	−2.08	1.60	−0.66	3.85	−0.05	36.67	−6.18
Cesars Head	8.13	.....	5.26	.....	4.97	.....	3.43	.....	0.73	.....	1.88	.....	6.11	.....	4.71	.....	6.52	.....	3.73	.....	6.11	.....	8.00	.....	59.58	.....
Calhoun Falls	6.56	+2.56	3.05	−2.31	5.16	+0.24	2.62	−0.90	0.20	−3.76	2.35	−2.28	5.97	+0.45	2.67	−2.54	1.05	−2.85	3.17	+0.11	4.25	+1.84	5.68	−0.88	42.73	−8.56
Camden	7.77	+4.39	4.17	+0.20	5.03	+1.33	3.44	+0.36	0.52	−2.69	2.62	−1.86	5.34	+0.11	3.70	−1.76	2.16	−1.50	0.87	−1.75	2.38	+0.03	3.14	−0.86	41.14	−3.40
Catawba	4.89	+1.42	5.45	+1.12	4.83	+0.72	1.54	−1.45	0.55	−3.15	0.90	−4.00	6.96	+0.48	3.18	−2.03	0.75	−2.68	0.20	−3.41	2.99	+0.59	4.20	+0.21	36.44	−12.18
Chappells	6.19	+2.87	2.70	−1.14	5.72	−0.15	2.65	+0.12	0.30	−2.38	3.57	−0.50	5.91	+0.60	4.61	+0.16	2.07	−1.07	1.32	−1.26	2.24	+0.03	4.25	−0.20	41.53	−0.92
Chester	.....	.....	6.05	.....	6.09	.....	2.23	.....	1.06	.....	3.31	.....	9.84	.....	3.61	.....	.....	.....	0.36	.....	.....	.....	7.51	.....	.....	.....
Clemson College	8.46	+3.54	4.39	−0.99	5.97	+1.00	2.10	−1.61	0.33	−3.28	4.45	−0.73	3.79	−1.39	3.40	−1.86	2.96	−1.00	2.73	−0.64	4.30	+1.56	7.55	+2.33	51.43	−3.16
Columbia	6.11	+2.82	3.16	−1.43	5.00	+1.30	1.94	−0.92	0.60	−2.59	2.47	−1.71	8.79	+2.73	2.68	−4.10	1.09	−2.36	0.99	−1.86	1.58	−0.65	1.74	−1.16	36.15	−9.93
Due West	6.12	+2.49	3.78	−2.02	4.54	−0.21	1.68	−1.33	0.49	−3.55	2.47	−1.59	10.98	+6.17	3.47	−1.20	0.69	−2.17	1.49	−0.25	3.02	+1.16	4.29	−0.49	42.97	−2.99
Edgefield	5.85	+2.05	4.50	+0.33	6.80	+2.61	1.65	−1.47	0.15	−3.19	5.15	−1.55	6.80	+1.40	6.05	+2.13	0.55	−2.17	1.10	−1.58	1.35	−0.77	2.45	−0.63	42.40	+0.11
Enoree	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.60	.....	2.86	.....	4.29	.....	.....	.....
Gaston Shoals	6.21	+2.25	3.86	−0.25	4.85	+0.09	2.02	−1.27	1.70	−1.48	2.31	0.00	4.63	−0.07	5.88	+0.47	0.50	−2.67	0.78	−2.16	1.20	−0.07	3.80	−0.74	39.15	−5.90
Greenville	7.73	+3.22	4.58	−0.67	5.17	−0.22	2.08	−1.57	0.25	−4.06	1.86	−3.23	4.29	−1.28	4.06	−1.82	1.44	−2.35	2.46	−0.74	4.63	+1.53	6.56	−1.78	45.11	−9.41
Greenwood	5.59	+1.81	3.89	−0.83	5.17	+1.15	2.43	−0.46	0.23	−3.32	2.06	−2.50	5.85	+0.58	4.44	−0.75	0.95	−2.71	1.37	−1.47	3.27	+0.58	5.15	+0.72	40.40	−7.10
Heath Springs	4.57	+0.98	3.90	+0.10	4.74	+1.25	2.41	−0.63	0.38	−2.79	4.03	−1.17	6.26	+0.99	3.83	−1.67	0.18	−2.81	1.80	−0.65	2.01	−0.18	3.33	−0.40	37.44	−6.60
Hogback Mountain	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.70	.....	4.51	.....	5.29	.....	6.15	.....	.....	.....
Kershaw	4.47	+0.07	4.38	+0.64	4.99	+1.63	5.09	+1.47	0.44	−2.98	3.25	−1.93	4.58	−0.31	2.75	−1.32	0.89	−1.17	1.51	−0.60	2.54	+0.63	3.08	+0.06	37.97	−5.22
Landrum	6.51	+0.71	3.71	−1.71	4.63	−1.09	1.89	−3.26	1.09	−4.27	2.83	−2.34	6.93	+0.63	5.16	+0.35	5.75	+1.09	3.14	−1.06	4.06	+0.98	6.01	+0.93	51.74	−11.89
Laurens	5.94	+1.04	4.21	.....	4.41	.....	1.71	.....	0.55	.....	2.53	.....	6.35	.....	2.05	.....	0.64	.....	1.63	.....	2.67	.....	4.40	.....	37.09	.....
Little Mountain	5.30	+1.92	4.24	−0.23	5.00	+1.34	1.89	−1.19	1.49	−1.43	2.64	−1.62	8.81	+0.66	1.51	−3.67	2.56	−0.28	1.41	−1.49	1.37	−0.99	4.68	+1.39	40.90	−2.32
Lockhart	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	.....	1.99	.....	3.94	.....	.....	.....
Newberry	6.60	+2.61	4.28	+0.09	3.38	−0.41	2.56	−0.26	1.23	−2.03	3.67	−0.55	6.31	+1.16	2.40	−2.96	2.34	−0.53	1.52	−1.04	1.48	−1.08	4.83	+0.52	40.60	−4.38
Pelzer	7.68	+3.30	4.72	+0.10	4.98	+0.20	2.70	−1.04	0.82	−2.92	4.44	+0.19	6.72	+0.73	3.12	−1.71	1.40	−2.04	1.96	−1.64	4.24	+1.67	5.36	−0.02	48.14	−3.29
Saluda	6.10	+2.45	4.30	−0.34	5.58	+1.57	1.84	−0.84	0.31	−2.51	2.27	−2.72	6.34	+1.25	2.24	−3.10	2.76	−0.32	1.59	−1.44	1.41	−0.95	4.23	+0.33	38.97	−6.61
Santuck	5.38	+1.68	4.45	−0.34	5.33	+0.90	2.00	−1.22	0.23	−2.83	3.97	−0.09	5.85	+0.74	2.73	−3.00	1.21	−2.15	1.20	−2.04	2.01	−0.73	4.75	+0.59	39.11	−8.31
Spartanburg	7.42	+3.61	4.17	+0.41	3.51	−1.37	.....	.....	T.	−4.09	1.58	−3.10	4.83	+0.14	6.40	+1.81	0.25	−3.03	0.76	−2.05	3.32	+0.49	6.87	+2.63	.....	.....
Trenton	6.27	+2.94	3.34	−1.75	6.08	+1.79	1.61	−1.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.41	−0.97	2.23	−1.57	.....	.....
Walhalla	9.52	+4.73	4.78	−0.52	5.81	+0.78	2.59	−2.06	0.82	−2.94	4.28	−1.01	5.87	−0.55	4.55	−1.72	3.62	−1.35	3.99	+0.51	4.95	+2.07	7.96	+2.69	58.74	−1.03
Winnsboro	4.78	+1.40	4.25	−0.09	4.63	+0.73	1.43	−1.25	0.75	−2.34	2.66	−1.63	7.14	+2.23	2.83	−2.51	0.87	−2.47	1.21	−1.89	2.30	+0.21	3.67	+0.26	36.52	−6.54
Winthrop College	4.99	+1.48	3.74	−0.32	5.51	+1.64	1.82	−1.30	1.58	−2.62	3.10	−2.04	5.75	+0.19	3.46	−2.23	0.35	−2.67	0.57	−2.28	2.86	+0.67	4.64	+0.39	38.37	−8.09
Division means and departures.	6.41	+2.65	4.12	−0.49	5.09	+0.73	2.19	−1.08	0.69	−2.70	3.04	−1.57	6.59	+1.24	3.46	−1.94	1.85	−2.03	1.79	−1.24	2.92	+0.41	4.70	+0.32	42.85	−6.00
Section means and departures.	6.18	+2.52	3.99	−0.32	4.49	+0.59	2.43	−0.59	1.06	−2.51	4.41	−0.38	6.24	+0.35	3.46	−2.36	2.29	−1.67	1.44	−1.51	3.05	+0.74	3.59	+0.12	42.63	−5.03

The departures from the normal precipitation are computed only for such stations as have ten or more years of record.

Monthly and Annual Mean Temperatures for the Year 1926, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
EASTERN PORTION.																										
Beaufort	[1]48.6	−3.0	53.4	+2.3	53.0	−5.4	63.9	−1.1	72.7	−0.8	78.6	−0.4	80.2	−1.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blackville	46.0	−1.5	52.2	+4.2	50.2	−7.5	62.6	−1.8	72.9	−0.4	78.7	−0.6	81.0	−0.5	83.6	+3.1	79.0	+3.4	68.0	+3.0	53.0	−2.3	52.0	+4.6	64.9	+0.3
Charleston	48.6	−1.3	52.9	+0.5	52.4	−5.0	62.8	−1.7	72.6	−0.1	78.6	−0.3	81.2	−0.1	83.3	+2.3	79.4	+2.8	70.0	+2.2	55.8	−2.3	54.4	+2.7	66.0	0.0
Cheraw	43.8	+0.1	49.2	+4.4	47.2	−6.2	60.0	−1.5	70.9	+0.2	77.0	−0.2	80.1	+0.2	80.2	+1.6	76.0	+2.9	63.2	+1.1	48.4	−3.8	47.2	+3.4	61.9	+0.1
Conway	46.7	−1.3	52.2	+4.4	50.4	−5.9	61.6	−1.0	70.6	−0.3	77.8	+1.0	80.2	+0.4	81.7	+2.5	77.6	+3.4	66.8	+1.9	53.6	−0.6	52.6	+5.1	64.3	+0.8
Darlington	44.0	−1.5	49.2	+3.9	47.8	−6.6	64.4	−1.5	[c]71.4	+0.2	[b]78.2	+1.4	81.4	+1.5	.....	.....	[a]78.1	+4.1	66.0	+2.3	.....	.....	[a]48.0	+2.8	.....	.....
Ferguson	44.9	−2.4	51.2	+3.4	[1]50.5	−5.5	[1]64.4	+2.3	73.1	+1.9	77.0	0.0	78.9	−0.5	81.0	+2.6	76.4	+2.4	65.5	+1.3	51.6	−3.5	.....	.....	.....	.....
Florence 1	.....	.....	.....	.....	.....	.....	[c]61.4	−1.2	73.8	+1.6	[c]80.9	+2.5	83.0	+1.8	82.6	+2.4	[a]78.2	+3.6	[a]61.8	−0.3	50.8	−3.1	49.6	+4.7	.....	.....
Garnett	[c]47.3	.....	[b]53.5	.....	[b]51.4	.....	[a]64.8	.....	72.8	.....	79.2	.....	[b]81.2	.....	[b]83.0	.....	80.1	.....	67.9	.....	54.7	.....	53.8	.....	65.8	.....
Georgetown	47.6	−1.2	53.1	+4.0	[a]51.6	−5.9	[a]63.5	0.0	71.0	−1.2	78.1	−0.3	80.4	−0.1	.....	.....	76.3	+0.4	65.8	−0.5	55.2	−0.9	54.9	+6.0	.....	.....
Kingstree	47.6	−0.1	53.2	+5.7	50.8	−5.8	62.3	−0.9	71.8	0.0	78.0	0.6	80.6	0.0	82.7	+3.2	78.1	+3.8	67.4	+2.9	54.2	−0.5	53.4	+6.1	65.0	+1.8
Orangeburg	47.1	+0.2	51.6	+0.8	50.8	−6.2	62.4	−2.2	71.8	+1.5	78.4	−0.5	81.4	−1.4	82.2	+2.5	78.0	+2.5	67.2	+1.4	53.3	−1.1	52.6	+3.2	64.7	+0.9
Pinopolis	.....	.....	.....	.....	48.7	−7.8	60.0	−2.1	68.7	−1.9	75.5	+0.6	.....	.....	.....	.....	75.5	+1.6	65.7	+1.3	54.2	−0.2	51.9	+4.7	.....	.....
St. George	46.4	−1.1	51.3	+3.1	49.7	−8.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Society Hill	[b]43.0	−1.1	[c]46.4	+1.6	[m]48.1	−6.6	[a]58.5	−3.3	69.8	−1.0	76.6	−0.3	[c]81.6	+2.2	[b]81.8	+3.3	76.9	+3.8	[b]64.0	+1.4	49.2	−3.0	[c]47.6	+2.8	62.0	0.0
Summerville	[j]47.2	−2.2	[a]53.0	+3.5	51.0	−7.2	61.6	−1.9	.....	.....	[j]77.2	−0.1	[f]79.2	−0.5	81.0	+1.6	77.6	+2.9	[c]66.9	+1.2	[a]53.7	−1.9	[b]54.1	+5.2	.....	.....
Wedgefield	46.6	+0.7	51.2	+2.9	49.8	−5.7	61.9	−0.5	72.4	+1.2	77.8	+0.6	80.9	+1.7	80.4	+2.6	78.5	+4.6	64.3	+0.6	51.0	−2.9	51.6	+4.1	63.9	+0.9
Yemassee	48.2	−0.1	53.2	+4.2	51.4	−6.4	63.0	−0.8	71.4	−1.2	78.1	−0.8	79.4	−1.4	81.4	+1.4	78.6	+3.3	67.4	+1.8	55.0	−0.5	54.6	+6.7	65.1	+0.5
Division means and departures.	46.5	−1.3	51.7	+3.7	50.3	−6.3	62.1	−0.9	71.6	−0.2	78.0	+0.3	80.6	+0.2	81.9	+2.4	77.7	+3.3	66.2	+1.4	52.9	−1.8	51.9	+2.7	64.3	+0.3
WESTERN PORTION.																										
Aiken	47.2	+1.1	51.0	+5.0	51.6	−3.6	63.2	+0.2	73.2	+1.8	78.1	+0.5	80.2	+0.1	81.4	+2.6	79.2	+5.0	67.6	+3.8	52.3	−1.8	52.8	+5.5	65.1	+1.7
Anderson	42.0	−2.3	48.2	+3.5	46.1	−7.9	59.5	−1.9	70.3	+0.4	76.8	+1.2	80.6	+1.2	79.5	+1.1	77.1	+3.4	[b]65.5	+2.1	[a]48.6	−4.2	46.8	+3.0	60.8	−1.0
Cæsar's Head	[a]36.0	.....	40.5	.....	[a]38.2	.....	51.8	.....	[a]64.3	.....	[a]68.4	.....	71.0	.....	70.0	.....	67.4	.....	56.4	.....	40.0	.....	89.4	.....	53.6	.....
Calhoun Falls	40.5	.....	47.0	.....	44.6	.....	57.6	.....	69.8	.....	77.1	.....	80.9	.....	80.8	.....	78.2	.....	[c]67.4	.....	.....	.....	.....	.....	.....	.....
Camden	44.5	−1.6	48.6	+0.8	48.8	−5 5	59.9	−2.0	72.2	+2.7	[b]78.4	+0.7	83.0	+3.0	[m]83.4	+4.5	79.6	+5.8	.....	.....	.....	.....	50.2	+2.1	.....	.....
Chester	.....	.....	[d]49.6	.....	.....	.....	60.2	.....	71.5	.....	79.2	.....	83.0	.....	[c]82.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clemson College	43.1	+0.5	48.4	+5.2	46.4	−6.0	58.8	−0.8	69.8	+0.9	[a]75.8	+0.5	78.8	+1.1	78.8	+1.4	[a]76.4	+4.2	[c]63.2	+1.6	47.7	−3.0	46.4	+3.7	61.1	+0.7
Columbia	45.6	−0.4	50.4	+2.2	48.4	−6.8	62.1	−1.2	72.6	+0.8	78.0	−0.1	81.0	+0.1	82.4	+2.8	78.6	+4.1	67.0	+2.7	51.2	−2.8	50.4	+3.2	64.0	+0.4
Due West	42.4	−1.4	47.2	+2.8	45.4	−0.6	59.0	−1.7	69.7	−0.3	76.2	−0.3	80.4	+1.3	80.2	+1.9	77.0	+3.6	64.0	+1.6	47.6	−6.0	45.8	+0.2	61.2	−0.8
Greenville	42.0	+1.7	46.8	+3.5	45.0	−4.9	59.0	+0.1	69.7	+1.5	75.3	+1.2	79.8	+2.9	79.2	+3.4	75.8	+4.8	63.4	+3.2	47.2	−2.4	45.4	+3.2	60.7	+1.6
Greenwood	41 5	−1.4	46.1	+2.6	45.1	−7.6	58.3	−2.8	70.8	−0.1	77.6	+0.2	81 2	+1.6	80.8	+2.4	78.2	+5.1	65.2	+3.0	48.2	−3.8	46.2	+3.2	61.6	+0 2
Heath Springs	43.4	0.0	46.7	+3.7	45.6	−7.8	[1]59.4	−1.0	[m]69.2	−1.0	75.8	−0.6	79.4	0.0	79.6	+0.8	75.9	+2.8	64.6	+2.2	48.4	−3.5	46.8	+4.6	61.2	0.0
Hogback Mountain	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[1]73.6	.....	68.7	.....	57.6	.....	41.3	.....	40.4	.....	.....	.....
Kershaw	43.2	−0.9	48.2	+1.7	46.8	−8.2	59.6	−3.1	70.8	+1.7	77.1	−0.6	81.0	+2.0	81.2	+2.6	78.0	+3.8	66.0	+2.0	50.4	−2.2	47.9	+1.9	62.5	−0.1
Landrum	40.3	−1.9	45.4	+2.2	42.8	−8.6	56.0	−4.0	66.2	−0.6	74.6	−0.2	[j]81.2	+4.6	79.0	+2.7	76.0	+4.1	62.5	0.0	46.8	−4.8	45.2	+1.2	59.7	−0.4
Laurens	42.2	.....	47.8	.....	46.2	.....	59.2	.....	[a]69.8	.....	77.0	.....	81.2	.....	80.9	.....	77.2	.....	65.2	.....	47.6	.....	46.5	.....	61.7	.....
Little Mountain	44.4	−1.1	49.4	+3.6	47.2	−8.2	59.9	−1.9	71.5	−0.4	78.8	+1.0	81.4	+1.1	81.9	+2.6	77.5	+2.8	65.0	+0.6	51.8	−2.1	46.5	+0.9	62.9	−0.1
Newberry	44.0	−0.8	48.8	+3.5	47.2	−7.4	60.0	−2.2	71.6	+0.4	78.4	+0.2	82.0	+1.3	81.8	+2.3	78.8	+4.6	66.2	+2.6	49.6	−2.7	48.6	+4.3	63 1	+0.5
Saluda	41.3	−1.1	49.6	+3.0	47.2	−8.7	59.8	−2.5	70.0	−1.1	78.4	+0.9	81.1	+1.1	82.2	+3.0	77.6	+3.5	65.2	+1.4	49.4	−3.3	49.0	+3.6	62.8	0.0
Santuck	40.6	−2.5	45.4	+2.2	[a]43.6	−9.6	55 1	−5.3	.....	.....	.....	.....	80.7	+1.1	80.8	+2.3	77.2	+4.0	64.4	+2.3	47.6	−3.6	47 6	+4 5	.....	.....
Spartanburg	40.8	−0.8	46.7	+3.9	44.6	−6.5	.....	.....	[1]66.4	−3.0	75.9	−0.1	80.0	+0.9	79.4	+1.9	74.6	+2.6	63.0	+1.9	46.8	−3.9	44 4	+3.5	.....	.....
Trenton	45.7	−0.9	51.0	+4.8	48.4	−7.6	62.2	−0.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[c]49.2	−5.8	40.6	+3.5	.....	.....
Walhalla	40.6	−1.6	45.9	+2.8	[a]44.4	−6.9	57.7	−0.5	67.9	+0.6	73.5	−1.2	77.9	+0.9	78.0	+1.6	75.7	+4.9	62.0	+1.2	46.0	−4.8	44.8	+1.5	59.5	−0.2
Winnsboro	42.2	−2.0	[a]47.0	+1.9	[f]47.8	−5.7	[a]58.2	−2.9	[c]68.4	−2.6	[b]77.4	+0.7	81.2	+1.6	81.5	+3.4	78.2	+5.0	[b]66.2	+1.8	[a]50.7	−2.2	46.8	+4.1	62.1	+0.4
Winthrop College	42.2	−1.3	47.2	+3.8	45.6	−7.7	59.2	−1.7	70.8	+0.7	77.2	+1.1	81.0	+1.9	80.3	+1.9	76.6	+4.0	65.2	+2.8	48.9	−2.8	45.8	+2.8	61.7	+0.5
Division means and departures.	42.6	−1.6	47.7	+2.8	47.7	−6.0	58.9	−2.2	69.9	−0.5	76.6	−0.1	80.4	+1.1	79.9	+1.6	76.5	+3.3	64.2	+1.6	48.1	−4.2	46.7	+2.5	61.6	−0.2
Section means and departures.	44.1	−1.4	49.3	+2.1	48.8	−6.0	60.3	−2.1	70.6	−0.4	77.2	−0.4	80.5	+0.7	80.7	+1.8	77.0	+2.6	65.1	+1.5	50.0	−3.6	48.7	+2.1	62.7	−0.3

The departures from the normal temperature are computed only for such stations as have ten or more years of record.
Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

(CONTINUED FROM PAGE 49.)

WEATHER BY MONTHS.

January.—The month was unusually wet, and temperatures averaged somewhat below normal. Measurable snowfall was confined principally to the northern counties. Freshets occurred in several streams on the 17th and 18th.

February.—Comparatively mild weather prevailed, with precipitation somewhat below normal. Scattered snow flurries occurred on the 10th and 27th. Moderate floods occurred in several streams during the month.

March.—The temperature was abnormally low, and precipitation averaged somewhat above normal. Snowfall was quite general on the 11th, 13th, and 15th. Moderate freshets occurred in several streams during the month.

April.—The month was considerably cooler than usual, and precipitation was somewhat below normal. One damaging tornado occurred near Lexington on the 7th, and two persons were injured. Late spring killing frosts were general in the central and northern counties on the 20th. The Pee Dee and Santee Rivers were in flood at several stations during the month.

May.—Drought marked the month, especially in the northwestern counties, and temperatures averaged somewhat below normal. A damaging tornado occurred near Aynor on the 11th. Hailstorm and lightning damage in Chesterfield, Pickens, and Newberry Counties on the 11th, 12th, and 27th approximated $68,000.

June.—Temperature and precipitation averaged somewhat below normal, and precipitation was very badly distributed, with persistent drought in the northwestern counties. There was a singular absence of severe local storms.

July.—While precipitation averaged above normal, drought persisted in the northwestern counties. Temperatures ranged somewhat above normal, and heat records were broken at a number of stations on the 21st. A small tornado was noted in

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UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., JANUARY, 1927. No. 1.

GENERAL SUMMARY.

Although the temperature average was near normal, maximum records were equaled or broken at a number of stations about the 24th, and a decided cold wave occurred about the 16th. Precipitation was very light, but one previous January having a smaller average.

Sustained dry weather retarded winter plowing. Temperatures were favorable for normal development of winter cereals, truck and fruit, and the hardest freeze of the winter about the 16th was attended by no great loss. Abnormal heat between the 18th and 25th, inclusive, was favorable for winter cereals and truck, and a second cold period on the 26th, 27th, and 28th prevented too rapid advance in fruit buds. Outdoor work was confined principally to hog butchering and ordinary chores.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 23 inches. The highest pressure was 30.87 inches at Charlotte, N. C , on the 27th, and in the Section proper, 30.86 inches at Due West on the same date; the lowest pressure was 29.58 inches at Asheville, N. C., on the 4th, and in the Section proper, 29.63 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 42 stations, was 45.7°, or 0.2° above the normal. The highest temperature was 81° at Yemassee on the 20th, at Aiken on the 23d, at Georgetown on the 23d and 24th, and at Laurens, Orangeburg, and Wedgefield on the 24th. The warm periods were from the 3d to the 6th, 18th to 25th, and 29th to 31st, inclusive, when the daily mean temperatures ranged from 5° to 30° above normal. The lowest temperature was 2° above zero at Caesar's Head on the 16th. The cold periods were on the 1st and 2d, from the 8th to the 17th, and from the 26th to 28th, inclusive, with subnormal temperature departures of 5° to 21° per day.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 79%; noon, 60%; 8 p. m., 66%. The highest percentages occurred along the coast, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 54 stations reporting, was 0.98 inch, or 2.61 inches below the normal. Fairly well distributed precipitation occurred in four periods in the eastern portion and in two periods in the western. In most of the Piedmont and on the upper coastal plain, the amounts were over one inch, tapering downward to one-half inch or less in the extreme northeast and along the extreme lower coast. The greatest local monthly amount was 1.63 inches at Caesar's Head; least local monthly amount, 0.16 inch at Mars Bluff. The greatest amount during any 24-hours was 0.81 inch at Ferguson on 26-27th. The average number of rainy days was 50% below normal.

Snowfall, ranging from Traces to 2.7 inches, occurred in various parts of the Section on the 4th, 9th, 10th, 26th, 27th, and 28th, the greatest measurements being generally on the 10th. Sleet occurred at numerous stations on the 26th, 27th, and 28th.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 8.6 miles. The highest average velocity was 12 6 miles per hour at Savannah, Ga., and in the Section proper, 9.8 miles per hour at Greenville; the lowest average velocity was 5.5 miles per hour at Augusta, Ga., and in the Section proper, 6.8 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the northwest at Savannah, Ga., on the 10th, and in the Section proper, 40 miles per hour from the northeast at Charleston on the 26th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 194.4 hours, or 62% of the possible amount. The average number of clear days was 17; partly cloudy, 6; cloudy, 8, as against normals of 13, 7, and 11 days, respectively.

RIVER CONDITIONS.

The Santee River at Rimini and Ferguson and the Pee Dee River at Mars Bluff were at or close to flood gtages during the early part of the month; otherwise, the rivers of the Section were relatively low.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Charleston, 17; Columbia, 17; Due West, 16, 17, 18; Greenville, 17. 22; Santuck, 19, 20. *Solar:* Columbia, 19; Due West, 14, 20, 21, 22, 23; Greenville, 16, 18, 20.

Fog, dense.—Calhoun Falls, 22, 23, 25; Catawba, 20, 21, 22, 23, 24, 25; Charleston, 14, 19, 20, 21, 25, 26, 28, 30; Columbia, 20, 21, 22; Due West, 14, 20, 21, 22, 23; Garnett, 14; Greenville, 21, 22, 23, 29; Kershaw, 21; Landrum, 14; Pelzer, 21; Rimini, 18, 19, 20, 21, 22, 25, 26; Saluda, 21, 25; Santuck, 21; Trenton, 20, 21, 22, 25, 26; Walhalla, 22; Winnsboro, 21, 22.

MISCELLANEOUS DATA FOR JANUARY, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.22	38.8	73	2	1.16	0.47	10.7	nw.	81	60	67	36
Augusta, Ga.....	30.23	47.5	78	15	0.85	0.66	5.5	nw	86	64	69	73
Charleston, S. C...	30.22	49.6	78	19	0.63	0.38	9.7	w.	82	75	76	65
Charlotte, N. C ...	30 21	42.8	75	10	1.05	0.33	6.0	sw.	72	58	60	59
Columbia, S. C....	30.23	47.2	79	14	0.97	0.61	6.8	sw.	75	50	54	63
Due West, S. C....	30.24	44.0	75	11	0.91	0.45	9.3	sw.	80	56	....	72
Greenville, S. C...	30.20	43.9	74	12	1.25	0.52	9.8	ne.	73	58	64	55
Savannah, Ga.....	30.23	51.9	78	21	0.31	0.14	12.6	w.	79	61	64	65
Wilmington, N. C.	30 23	46.6	76	14	1.20	0.54	6.9	w.	80	60	72	67
Means and extremes	30.23	45.8	79	2	0.93	0.66	8.6	sw. w.	79	60	66	62

Climatological Data for January, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort (near)‡‡	Beaufort	21	46	50.2	−1.4	80	24	18	16	48	0.50	−2.27	0.43	0	2	16	9	5	se.	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	46.4	−2.1	80	23	12	16	43	0.75	−2.36	0.50	0	3	21	0	10	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	49.6	−0.3	78	24	19	16	28	0.63	−2.82	0.38	0	6	12	10	9	w.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	44.4	+0.5	78	23	9	16	57	0.44	−2.68	0.32	T.	2	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	37	48.2	+0.1	79	23	13	16	48	1.12	−2.40	0.60	0.5	5	17	0	14	sw.	Paul Quattlebaum.
Darlington	Darlington	175	32	[b]45.7	+0.3	[b]80	23	[a]11	16	[b]39	1.08	−1.84	0.60	0.5	5	20	4	7	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	0.78	−2.72	0.51	0.7	4	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	45.6	+1.0	79	24	14	16	40	1.11	−2.48	0.81	T.	3	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	45	48.2	+2.7	78	23	12	16	43	0.53	−2.50	0.39	T.	3	18	7	6	sw.	H. K. Gilbert.
Florence 2	....do	136	12	.....	.....	.....	.....	.....	.....	.....	0.83	−2.20	0.57	T.	5	16	6	9	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	49.7	.....	80	23	11	16	48	0.70	.....	0.70	0	1	15	14	2	nw.	Miner B. Robert.
Georgetown	Georgetown	18	34	49.1	+0.3	81	†23	11	16	49	0.92	−2.42	0.66	T.	3	19	10	2	nw.	A. P. Hazard.
Kingstree	Williamsburg	54	45	48.8	+1.0	80	24	16	16	43	0.73	−2.63	0.30	1.0	4	16	3	12	n.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	0.16	.....	0.10	1.3	2	...	...	...	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	11	[a]48.3	.....	[a]81	24	[a]13	16	[a]46	0.64	.....	0.48	T.	3	15	10	6	sw.	U. S. Fisheries Station.
Pinopolis	Berkeley	54	80	50.4	+2.6	75	20	15	16	.....	0.92	−2.20	0.37	0	3	22	7	2	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	0.72	−3.07	0.45	T.	3	....	....	....	....	Boykin R. Cantey.
Society Hill	Darlington	192	36	43.7	+0.4	78	24	10	16	42	1.25	−1.92	0.58	T.	7	16	3	12	n	E. D. Fields, Jr.
Summerville	Dorchester	75	29	[a]49.6	+0.1	[a]78	20	[a]14	16	[a]39	1.08	−1.07	0.56	0	2	21	6	4	sw.	Dr. William Simons.
Wedgefield	Sumter	249	37	48.2	+2.1	81	24	12	16	45	0.63	−2.99	0.35	T.	2	19	7	5	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	49.9	+1.2	81	20	10	16	51	0.73	−2.09	0.63	0	2	20	0	11	ne.	W. C. Hulson.
Division means and	extremes	.....	....	48.0	+0.5	81	†20	9	16	51	0.77	−3.03	0.81	0.2	3	18	5	8	sw.	
Western Portion.																				
Aiken	Aiken	527	65	48.2	+2.0	81	23	12	16	44	0.97	−2.72	0.51	0	3	17	1	13	nw.	Frank B. McCoy.
Anderson	Anderson	764	34	44.8	+0.6	78	24	12	16	39	1.02	−3.21	0.27	0	5	18	1	12	w.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	0.99	−2.79	0.44	0	3	....	...	...	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	3	37.7	.....	68	†21	2	16	41	1.63	.....	0.63	0.2	4	9	9	13	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	[g]44.4	.....	[g]80	24	[g]10	16	[g]47	1.10	−3.14	0.73	0	3	10	11	10	sw.	L. M. Parker.
Camden	Kershaw	222	77	[g]44.9	−1.2	80	24	[g]12	16	[g]48	1.03	−2.50	0.65	0	3	...	....	.....	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	....	1.08	−1.75	0.40	0	4	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	1.18	−2.49	0.60	0	3	....	....	....	.....	George V. Chimp.
Chester	Chester	487	5	45.2	.....	75	23	10	16	50	0.70	.....	0.40	0	2	22	0	9	ne.	J. C. Cornwell.
Clemson College	Oconee	850	35	44.0	+1.7	78	24	8	16	45	1.09	−3.99	0.29	0	5	15	7	9	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	47.2	+0.6	79	24	14	16	30	0.97	−2.32	0.61	T.	7	13	8	10	sw.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	1.05	.....	0.43	0	4	....	..	....	.....	Broad River Power Co.
Due West	Abbeville	711	13	44.0	+0.7	75	24	11	16	30	0.91	−2.89	0.45	0.1	6	14	6	11	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	1.10	−3.59	0.60	0	3	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	24	... ...	.....	.....	.....	.....	.....	.....	1.01	−3.35	0.28	2.7	5	...	..	...	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	43.9	+3.6	74	24	12	16	28	1.25	−2.91	0.52	0	6	11	8	12	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	43.5	+0.6	76	25	11	16	39	1.10	−2.91	0.49	0	3	21	0	10	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	44.0	+0.3	73	23	11	16	40	1.11	−2.58	0.45	T.	4	13	6	12	w	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	38.2	.....	69	23	3	16	31	1.28	.....	0.40	1.0	6	18	9	4	n.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	44.6	+0.5	76	23	10	16	44	1.29	−3.11	0.61	T.	3	16	2	13	w.	John W. Hamel.
Landrum	Spartanburg	1063	12	42.8	+0.7	76	23	8	16	41	1.20	−4.91	0.76	T.	4	17	7	7	sw.	R. Hartwell Wilds, M.D.S.
Laurens	Laurens	589	9	44.7	.....	81	24	9	16	42	1.11	.....	0.39	T.	5	17	9	5	n.	L. G. Roff.
Little Mountain	Newberry	711	34	44.6	−0.8	76	24	10	16	45	1.57	−2.04	0.65	T.	4	26	2	3	w.	Miss Alberta Sease.
Lockhart	Union	336	....	... ...	.....	.....	.....	.....	.....	.....	0.91	.....	0.42	0	3	....	....	....	....	Broad River Power Co.
Newberry	Newberry	502	23	45.8	+0.8	80	24	10	16	44	0.98	−3.68	0.40	T.	6	22	2	7	w.	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	...	.....	.....	.....	1.12	−3.66	0.46	0	4	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	25	[a]45.8	+0.8	[a]74	†23	12	†16	[a]44	1.39	−2.98	0.49	T.	6	19	5	7	sw.	W. S. Crout.
Santuck	Union	512	34	[a]44.3	+1.3	[a]77	24	[a] 7	15	[a]44	1.18	−1.76	0.36	T.	7	14	11	6	nw	E. W. Jeter.
Spartanburg	Spartanburg	875	50	43.0	+1.4	75	24	7	16	38	0.95	−3.10	0.40	T.	4	16	4	11	.....	M. H. Daniel.
Treuton	Edgefield	620	34	48.1	+1.3	77	†23	11	16	43	0.70	−2.93	0.26	0	3	16	8	7	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	43.4	+1.1	77	24	7	16	46	1.41	−0.44	0.35	0	7	16	7	8	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	33	44.0	0.0	76	†23	9	16	40	1.23	−2.42	0.62	0	4	17	6	8	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	44.0	+0.6	76	23	9	16	41	1.24	−1.57	0.40	1.0	5	14	13	4	sw.	W. T. Clawson.
Division means and	extremes	.....	....	44.3	+0.2	81	†23	2	16	50	1.12	−2.99	0.76	0.2	4	16	6	9	sw.	
Section means and	extremes	.....	....	45.7	+0.2	81	†20	2	16	51	0.98	−2.61	0.81	0.2	4	17	6	8	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], etc.), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

December, 1926.—Ferguson, minimum temperature, page 46, should be 23 on 20th; Chester, number of rainy days, page 46, should be 8; Heath Springs, maximum temperature, page 46, should be 73 on 25th; Winthrop College, maximum temperature, page 46, should be 73 on 10th.

Daily Precipitation for January, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
eaufort(near)	Coast									.07					T.												.43						0.50
ackville ‖‖	Edisto									.10					.15												.50						0.75
harleston ***	Coast										T.	T.			.11						.02	.01	.11				.10	.28					0.63
heraw ‖‖	Pee Dee														.12	T.						T.					T.	.32				T.	0.44
onway ‖‖	Waccamaw									.29	.15	.05			T.	T.					T.						T.	.60		.03			1.12
rlington ‖‖	Pee Dee									.07	.03	T			.30												T.	.60		.08			1.08
lingham ‖‖	Lynches											.11			.12							T.					T.	.51		.04			0.78
rguson ‖‖	Santee										.10	T.			.39	T.					T.	.02	.28				.04	.81					1.11
orence 1 ‖‖	Pee Dee									.06	.05	.01			.14								T.					.57					0.53
orence 2 ‖‖	....do														T.													.70					0.83
rnett	Savannah									.66	T.				.15					T.		.11					T.						0.70
eorgetown	Coast									.20					.10													.30		.12			0.92
ngstree ‖‖	Black											.06									T.	T.	T.				.12	.48	T	T.			0.72
ars Bluff	Pee Dee										T.				.04							.10					.45						0.16
angeburg	Edisto								.37																								0.64
nopolis	Cooper																																0.92
mini ‖‖	Santee														.12													.45	T.	.15			0.72
ciety Hill ‖‖	Pee Dee									.02	.05	T			.30							.08	.02					.58		.20			1.25
mmerville	Ashley										T.				.28							.52					.56	T.					1.08
edgefield	Wateree																											.35	T.				0.63
nnassee ‖‖	Ashepoo														.10													.63					0.73
Western Portion.																																	
ken	Edisto													T.	.20												.33	.51	.13				0.97
nderson	Savannah														.28												.24	.21	.10	.27			1.02
airs ‖‖	Broad														.63													.44		.27			0.99
esar's Head	Saluda				T.										.12											.43	.02			.55			1.63
lhoun Falls ‖‖	Savannah														.12													.73		.25		T.	1.10
mden ‖‖	Wateree														.28													.65		.10			1.03
tawba ‖‖	Catawba										T.				.35	T.											.40			.28		.05	1.08
appells ‖‖	Saluda														.42													.60		.16			1.18
ester	Brood								.40		T.				.24												.29	.12	.20	.24			0.70
emson College	Savannah														.24													.30					1.09
olumbia ***	Congaree								.01	T.				.09	.18											T.	.60	.01	.03	.05	T.		0.97
escent	Enoree													.18												.06	.38		.43				1.05
ie West ***	Savannah													.02	.16							T.	T.			T.	.41	.01	.20	.08			0.91
lgefield ‖‖	Savannah						.30																				.60	.20					1.10
nston Shoals ‖‖	Broad										.27				.18												.07	.21		.28			1.01
reenville ***	Saluda								T.	T.				.52	.20											T.	.51	.01	.45	.03	T.		1.25
reenwood ‖‖	....do														.32													.49		.29			1.10
ath Springs	Wateree										T.				.45								.03				.45		.18				1.11
gback Mountain	Broad										T.			.08	.40												.30	.10	.21	.19			1.28
rshaw ‖‖	Lynches										T.			.47														.61		.21			1.29
ndrum	Broad																										.76	.07	.08	.29			1.20
aurens	Saluda													T.	.23												.28	.09	.12	.39			1.11
ttle Mountain	Saluda														.65												.50	.10	.32				1.57
ckhart	Broad														.29													.42		.20			0.91
ewberry	Saluda													T.	.20												.40	.12	.18	.10		03	0.98
lzer ‖‖	....do														.20								T.				T.	.44	.02	.46		T	1.12
lida	....do										T.			T.	.27												.49	.26	.26	.09	.02		1.39
utuck	Broad												T.	.36									.04		T.		.32	.13	.17	.10		.06	1.18
artanburg ‖‖	....do											T.			.15												.10	.40	.30				0.95
enton	Edisto													T.	.26													.23	.21				0.70
alhalla	Savannah													.04	.33								.03				.35	.19	.14	.32	T.		1.41
imsboro ‖‖	Broad									T.					.28													.62		.20		.03	1.23
inthrop College	Catawba										.10				.40												.39			.25		.10	1.24

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JANUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
887	40.1	73	5	2.80	8	.....	.....	.....	.....
888	46.2	76	15	2.94	10	.....	.....	.....	nw.
889	44.9	78	15	5.81	10	.....	.....	.....	ne.
890	54.1	81	17	1.16	6	.....	.....	.....	sw.
891	46.2	75	21	3.56	.....	.....	.....	.....	w.
892	42.7	72	16	6.75	.....	.....	.....	.....	nw.
893	38.0	71	3	2.52	6	.....	.....	.....	.....
894	47.9	77	19	3.15	10	10	9	12	ne.
895	44.2	80	5	7.31	13	9	9	13	sw.
896	43.8	72	9	3.02	6	12	10	9	ne
897	42.2	76	3	2.29	7	13	8	10	nw.
898	49.2	82	8	1.80	6	12	10	9	sw.
899	44.4	78	17	4.72	11	10	7	14	n
900	44.0	75	3	2.43	8	16	6	9	nw.
901	45.1	81	18	3.55	9	14	7	10	nw.
902	42.4	80	11	2.05	5	15	7	9	sw.
903	43.7	77	13	3.85	11	10	6	15	w.
904	40.2	74	8	2.97	8	15	5	11	n.
905	41.4	77	8	2.00	7	15	6	10	w.
906	47.0	83	12	5.85	11	12	4	15	ne.
907	53.4	89	18	0.71	4	15	9	7	sw.
908	44.2	76	17	4.86	9	13	8	10	w.
1909	49.6	83	9	1.54	5	12	9	10	ne.
1910	45.5	80	11	2.98	7	14	10	7	w
1911	49.8	82	16	1.58	5	14	8	9	sw.
1912	40.2	79	6	4.92	9	13	4	14	w.
1913	53.8	82	23	3.21	8	10	6	15	sw.
1914	46.7	81	18	2.66	5	16	9	6	w.
1915	45.1	74	19	6.31	9	12	6	13	ne.
1916	52.3	81	10	1.76	9	10	9	12	ne.
1917	49.7	79	9	3.74	12	10	7	14	sw.
1918	37.3	82	−2	4.45	10	13	6	12	ne.
1919	47.1	80	8	4.15	7	19	5	7	ne.
1920	46.2	85	6	3.66	7	12	7	12	w.
1921	46.9	79	17	3.84	7	15	6	10	w.
1922	44.2	81	14	3.53	9	10	6	15	ne.
1923	49.0	80	20	2.74	6	17	5	9	w.
1924	43.3	76	1	4.34	9	16	4	11	ne.
1925	44.9	76	18	8.54	11	12	4	15	ne.
1926	44.1	76	12	6.18	11	11	6	14	w.
1927	45.7	81	2	0.98	4	17	6	8	sw.
Period	45.5	89	−2	3.59	8	13	7	11	w.

Daily Temperatures for January, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	49	53	67	66	62	68	62	56	58	48	41	47	57	63	56	42	60	60	71	77	70	76	77	80	65	60	57	49	62	75	63	61.2
	Minimum	40	29	40	46	45	44	44	32	45	34	21	22	35	48	32	18	22	29	40	46	52	48	48	51	46	49	31	35	40	49	53	39.2
Blackville	Maximum	49	50	65	65	60	60	59	59	56	58	36	40	40	36	34	33	55	64	74	76	67	75	80	81	63	56	48	44	60	72	63	57.4
	Minimum	35	23	33	47	40	39	39	38	27	35	18	20	28	20	18	12	22	30	36	49	56	54	53	50	48	46	29	27	31	42	50	35.3
Charleston	Maximum	49	51	62	65	59	68	55	51	54	50	39	45	55	64	52	39	56	54	61	74	68	74	74	78	56	56	42	54	66	73	64	58.4
	Minimum	38	33	40	50	46	46	43	37	42	31	26	26	37	51	24	19	30	37	48	51	54	51	53	52	50	42	31	36	44	53	47	40.9
Cheraw§§	Maximum	48	51	60	63	58	68	52	48	40	32	39	41	45	54	32	42	66	59	69	72	69	74	78	60	60	48	38	42	59	76	67	55.2
	Minimum	35	20	30	41	32	33	30	22	34	30	22	15	19	38	30	9	20	36	34	49	52	56	48	48	43	43	21	22	32	45	48	33.5
Conway	Maximum	54	53	62	65	61	67	55	54	49	40	38	44	58	62	59	38	60	65	68	78	72	76	79	77	60	55	45	61	65	77	71	60.3
	Minimum	39	24	36	37	39	39	32	23	38	30	26	17	24	47	29	13	17	28	47	44	55	53	48	53	46	44	23	29	42	45	52	36.1
Darlington§§	Maximum	49	52	62	66	68	70	55	54	40	36	40	45	53	54	34	40	....	....	72	72	75	76	80	72	55	51	38	44	60	78	64	[b]57.1
	Minimum	39	21	32	40	40	33	31	21	28	33	23	14	21	27	32	11	18	29	....	49	52	61	52	49	45	44	24	25	29	38	47	[a]34.3
Ferguson§§	Maximum	48	60	62	60	62	68	57	....	52	38	42	51	55	60	...	42	58	57	..	....	67	.....	.....	79	...	56	....	49	.....	.....	.....	[k]56.2
	Minimum	38	23	30	34	36	37	30	27	43	31	24	18	28	36	34	14	22	30	40	42	51	51	46	44	50	51	28	27	32	40	43	34.9
Florence 1	Maximum	47	49	59	65	58	67	46	52	38	33	36	39	49	54	44	36	55	61	70	71	72	75	78	66	60	48	44	43	60	74	62	58.7
	Minimum	36	23	31	40	37	38	32	27	32	33	22	19	24	44	32	12	22	32	44	46	49	61	53	53	47	44	24	30	34	40	34	37.8
Garnett	Maximum	51	55	66	66	65	74	67	60	58	51	40	50	61	63	55	44	57	62	71	78	77	78	80	79	69	68	62	49	62	78	67	63.3
	Minimum	37	23	37	42	42	45	37	23	42	32	21	16	31	50	31	11	16	23	35	42	55	49	43	45	46	49	31	32	38	45	51	36.1
Georgetown	Maximum	54	56	65	67	66	69	70	56	53	42	40	45	58	62	45	43	60	58	66	78	72	79	81	81	61	55	45	60	68	79	73	61.5
	Minimum	43	22	33	41	40	39	32	24	38	32	22	18	26	57	31	11	28	27	47	45	52	50	49	48	47	43	25	29	40	46	53	36.7
Kingstree	Maximum	55	55	64	67	60	69	62	56	54	40	39	45	57	61	56	41	60	60	72	75	70	77	79	80	65	55	47	52	61	78	71	60.7
	Minimum	41	22	35	40	42	39	33	27	31	33	26	17	24	50	21	16	19	29	44	48	59	55	51	50	49	46	26	30	40	47	53	36.9
Orangeburg 1	Maximum	48	54	62	64	59	68	61	55	55	47	39	44	....	60	55	40	57	62	74	75	70	75	78	81	75	61	49	43	64	74	68	[a]60.6
	Minimum	38	23	33	38	43	37	37	26	38	31	22	19	27	....	27	13	20	28	37	49	52	55	49	49	50	47	28	29	38	45	53	[a]36.0
Society Hill§§	Maximum	47	50	62	66	59	68	53	52	39	35	40	43	47	55	33	40	55	61	70	71	71	75	78	64	59	47	37	43	60	76	62	55.4
	Minimum	38	22	32	24	40	39	32	24	26	32	23	15	15	25	32	10	13	26	30	42	39	60	52	51	45	45	23	22	28	38	49	32.0
Summerville	Maximum	52	57	63	.....	....	68	61	59	60	46	39	47	60	59	59	40	60	60	78	68	74	79	77	73	56	56	51	63	77	72	[b]61.6	
	Minimum	36	24	34	40	37	....	34	26	45	32	22	21	29	53	32	14	20	28	44	48	57	54	49	50	51	49	28	32	41	47	53	[a]37.7
Wedgefield	Maximum	48	53	63	64	58	68	58	56	53	44	39	44	57	57	49	40	57	65	74	73	68	75	78	81	68	62	48	47	63	72	61	63.6
	Minimum	36	23	35	43	41	40	35	27	36	31	21	17	24	42	30	12	25	32	42	48	58	58	52	57	48	43	27	26	34	51	52	39.5
Yemassee	Maximum	53	56	66	65	61	71	66	60	59	51	41	50	61	63	60	45	57	62	75	81	75	77	80	80	73	63	60	49	62	78	71	63.6
	Minimum	31	22	37	39	44	39	36	24	43	31	19	16	29	52	31	10	17	24	38	45	55	48	47	50	49	48	30	32	37	44	52	36.2
Western Portion.																																	
Aiken	Maximum	56	59	64	63	60	68	64	54	49	47	41	43	54	57	54	41	56	63	71	75	72	76	81	78	74	59	50	39	57	69	66	60.0
	Minimum	28	30	40	48	38	39	39	32	36	28	18	21	29	38	28	12	24	36	42	50	56	56	52	51	47	46	28	28	34	49	52	37.3
Anderson	Maximum	45	55	61	60	58	68	57	45	56	49	39	38	38	52	47	36	46	56	60	72	74	70	76	78	65	56	40	32	48	69	65	55.2
	Minimum	31	23	36	42	37	34	33	29	29	26	18	18	24	32	19	12	24	36	39	56	52	57	55	54	49	39	24	25	30	42	43	34.5
Caesar's Head	Maximum	45	38	47	47	50	47	60	47	40	47	23	30	30	45	46	25	35	44	50	52	54	68	61	60	68	48	45	42	43	57	58	46.8
	Minimum	24	18	18	38	30	30	26	25	25	13	12	11	11	40	4	2	3	34	39	45	47	52	56	53	43	43	14	16	40	45	31	28.6
Calhoun Falls§§	Maximum	50	57	68	....	....	.....	.....	.....	.....	.....	42	41	50	38	32	38	52	58	64	75	72	73	78	80	61	56	40	37	52	69	60	[g]56.0
	Minimum	21	19	21	31	...	.....	.....	.....	.....	.....	.....	.....	19	19	29	28	10	11	26	35	40	52	57	58	52	49	49	28	26	27	36	[g]32.9
Camden§§	Maximum	59	53	62	68	62	70	59	60	55	38	40	46	58	52	32	41	59	64	72	79	73	77	77	80	70	50	44	56	66	76	64	60.1
	Minimum	....	22	24	....	37	....	31	23	28	28	22	15	18	29	30	12	11	28	34	....	50	52	.....	.....	46	48	22	24	27	....	48	[g]29.7
Chester	Maximum	48	48	61	61	58	58	60	65	59	53	53	53	53	40	34	38	60	60	65	65	70	70	75	72	70	64	60	60	60	60	65	58.6
	Minimum	22	22	34	34	32	32	31	26	32	19	19	20	21	21	22	10	25	28	40	48	53	53	55	53	50	22	21	22	28	40	31.9	
Clemson College	Maximum	50	57	61	61	62	67	56	52	55	51	37	48	40	54	52	36	46	44	57	73	73	72	76	78	69	60	44	36	50	69	66	56.5
	Minimum	30	19	30	29	43	34	26	23	24	25	15	13	21	33	9	8	23	34	33	47	45	56	48	51	50	43	26	27	32	43	40	31.6
Columbia	Maximum	48	54	62	62	59	68	55	50	53	44	39	40	52	54	43	41	56	62	71	72	65	74	77	79	64	52	37	36	58	72	61	56.8
	Minimum	32	26	36	47	44	41	39	33	38	29	22	22	28	40	19	14	26	35	44	54	58	60	55	51	49	36	27	29	35	52	46	46
Due West	Maximum	46	53	60	60	51	66	55	41	54	37	37	38	40	48	40	35	49	57	62	70	72	69	75	75	60	53	37	32	51	68	59	53.4
	Minimum	29	23	36	46	38	36	37	30	30	25	17	19	26	33	15	11	23	34	38	50	55	58	53	53	49	36	25	26	32	43	43	34.5
Greenville	Maximum	42	53	58	59	57	65	54	39	53	37	37	36	37	56	33	34	45	57	59	71	73	69	73	74	58	54	36	31	50	66	57	52.4
	Minimum	31	25	37	42	41	38	35	33	30	25	23	19	28	33	16	12	26	38	42	53	53	57	54	52	50	36	23	25	31	48	41	35.4
Greenwood	Maximum	53	46	55	61	60	57	66	58	42	54	34	37	41	42	50	28	39	51	59	65	73	73	70	75	76	62	54	40	37	55	69	54.3
	Minimum	31	23	24	38	39	40	38	26	26	28	19	17	18	28	23	11	13	28	35	36	53	56	54	54	48	49	26	25	26	36	45	32.7
Heath Springs	Maximum	45	47	55	59	53	54	56	47	46	32	36	38	44	53	38	36	51	57	62	68	63	63	73	71	62	50	45	45	52	70	59	52.7
	Minimum	33	23	35	44	38	33	28	32	32	29	21	17	25	37	17	11	26	36	40	52	56	59	55	52	47	45	22	23	32	50	46	35.4
Hogback Mountain	Maximum	39	47	49	51	45	57	48	34	44	40	22	28	37	45	33	34	46	47	52	61	67	64	69	65	50	47	32	35	56	55	45	46.6
	Minimum	23	19	30	40	32	34	24	27	29	15	14	11	18	31	4	3	23	35	40	47	54	53	56	49	44	32	13	15	33	43	32	29.8
Kershaw	Maximum	45	51	60	62	56	66	52	49	48	37	37	40	49	49	49	40	54	60	68	71	64	73	76	70	63	52	37	34	56	72	66	55.0
	Minimum	33	22	33	42	37	35	35	25	32	29	22	16	23	39	20	10	22	32	36	49	56	59	53	52	48	35	21	24	33	50	41	34.3
Laudrum	Maximum	37	52	55	59	55	65	51	45	52	48	34	37	36	55	45	37	49	55	61	71	75	69	76	72	59	55	39	35	50	67	56	53.3
	Minimum	33	31	27	41	39	32	33	22	25	26	23	12	18	32	14	8	25	30	32	48	52	52	53	50	50	28	22	22	30	47	40	32.2
Laurens	Maximum	45	55	61	61	58	67	57	40	56	49	39	38	42	54	46	39	51	59	66	73	75	70	77	81	62	56	40	32	52	68	63	55.9
	Minimum	35	21	31	31	40	37	37	28	29	27	18	16	21	33	19	9	20	33	31	49	54	57	53	53	50	40	24	26	31	46	45	33.5
Little Mountain	Maximum	40	48	51	60	54	59	59	49	47	47	34	35	47	55	49	37	53	58	67	73	67	67	68	76	68	53	43	32	53	63	67	54.2
	Minimum	29	23	33	45	40	38	33	30	32	26	19	17	23	35	22	10	25	32	36	51	58	56	54	55	45	43	24	25	30	48	45	34.9
Newberry	Maximum	48	54	62	62	59	67	56	44	55	48	39	40	46	55	34	40	54	61	71	74	74	72	77	80	69	56	36	33	51	69	64	56.5
	Minimum	32	22	30	44	42	39	34	27	33	28	18	17	24	36	28	10	24	34	36	53	55	58	52	54	48	43	25	26	32	47	41	35.1
Saluda	Maximum	43	52	53	59	59	62	62	51	52	52	36	40	45	57	52	...	50	56	68	70	70	71	74	74	74	59	49	38	55	67	67	[a]57.2
	Minimum	37	22	28	40	42	39	35	24	30	28	19	16	23	37	24	12	12	30	31	51	52	59	52	53	47	45	27	27	32	47	47	34.5
Santuck	Maximum	49	53	63	60	66	66	53	53	48	39	41	45	53	50	39	....	50	57	66	73	73	71	76	77	69	60	42	35	55	69	66	[a]57.0
	Minimum	32	19	36	36	28	27	19	29	28	16	11	19	34	24	7	....	18	28	30	45	53	53	50	46	49	42	24	25	31	44	45	[a]31.6
Spartanburg	Maximum	44	52	58	61	58	64	52	45	52	35	35	38	40	58	45	36	48	57	60	70	74	70	75	74	65	50	45	50	60	65	60	54.7
	Minimum	35	20	29	32	34	26	27	22	27	28	20	12	20	33	12	7	24	27	30	33	46	55	50	47	48	48	22	30	42	42	40	31.2
Trenton	Maximum	67	54	62	60	58	66	63	49	55	50	38	43	51	57	49	39	54	62	70	73	76	74	77	77	69	55	48	36	55	71	64	58.8
	Minimum	36	25	34	47	41	41	37	30	33	28	19	19	29	39	25	11	26	37	40	50	55	58	54	55	48	48	28	27	33	48	58	37.4
Walhalla	Maximum	49	57	64	60	59	68	58	47	56	48	42	38	40	58	42	36	45	56	57	72	75	76	76	77	63	56	42	33	51	67	65	55.9
	Minimum	29	18	32	38	38	29	27	24	21	20	15	12	21	33	15	7	19	32	32	45	46	56	44	47	50	39	26	25	31	45	28	30.8
Winnsboro§§	Maximum	43	53	59	62	58	64	53	47	52	32	37	40	50	55	29	39	52	60	70	72	66	72	76	76	64	49	37	40	54	70	59	54.5
	Minimum	31	23	25	35	39	38	33	29	29	28	21	18	21	29	28	9	12	30	39	47	53	58	55	54	47	47	23	24	27	39	47	33.5
Winthrop College	Maximum	44	45	56	60	54	66	55	46	52	45	37	39	43	59	49	38	50	55	66	73	71	71	76	71	60	52	40	32	54	67	64	54.3
	Minimum	30	24	30	44	35	35	31	24	32	27	18	15	24	32	21	9	25	34	40	50	54	57	53	50	48	39	19	22	30	47	42	33.6

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., FEBRUARY, 1927. No. 2.

GENERAL SUMMARY.

The month was the warmest February of record. Spring-like weather prevailed from the 2d to the 19th, and the Section maximum temperature record for February was equaled on the 4th, while numerous local stations reported maximum temperature records for February broken.

The prevailing mild weather was attended by abnormal development of tree fruits, shrubbery, and woods, which showed an advance about two weeks ahead of the normal; but relatively low night temperatures during the latter part of the month held fruit buds fairly well in check, although peaches, pears, plums, and cherries were blooming rather freely. Wheat, oats, rye, truck, tobacco and tomato sets, and pastures improved generally, and fairly abundant rains kept the soil in good condition for spring plowing, which progressed favorably. White potato planting was general throughout the month, and garden preparations made good progress.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.06 inches. The highest pressure was 30.57 inches at Due West on the 1st; the lowest pressure was 29.37 inches at Charleston on the 19th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 57.6°, or 10.2° above the normal, and the highest February average of record by 1.5°. The highest temperature was 88° at Ferguson on the 4th, equaling the highest February maximum temperature record for the Section in 1918, and numerous stations had their February maximum temperature records broken. During the prolonged warm period, 2d to 19th, inclusive, the mean temperatures ranged from 5° to 30° per day above normal; there was a second warm period, 22d to 25th, inclusive. The lowest temperature was 20° at Caesar's Head and Hogback Mountain on the 21st. Cool periods were practically negligible.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 83%; noon, 64%; 8 p. m., 71%. The highest percentages occurred from the middle coast to the middle Savannah drainage basin, and the lowest, in the north-central counties and along the extreme lower coast.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 4.24 inches, or 0.07 inch below the normal. Precipitation occurred in four periods and was badly distributed as to area and amounts. The heaviest rainfall occurred in sections of the Piedmont and in a small area of the middle Savannah and upper Edisto drainage basins, with total amounts ranging from 5 to over 7 inches; elsewhere, the amounts ranged downward from 4 inches to less than 2.50 inches. The greatest local monthly amount was 7.57 inches at Walhalla, and the least was 2.17 inches at Charleston. The greatest amount during any 24 hours was 3.20 inches at Walhalla on the 22d-23d. The average number of rainy days was 12% above normal.

Snow flurries occurred in sections of the northwestern counties on the 20th.

During a thunderstorm at Beaumont, near Spartanburg, on the 23d, three members of the family of Mr. J. G. Lowe were injured by lightning.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 8.1 miles. The highest average velocity was 12.5 miles per hour at Savannah, Ga., and in the Section proper, 9.4 miles per hour at Due West and Greenville; the lowest average velocity was 5.5 miles per hour at Augusta, Ga., and in the Section proper, 7.4 miles per hour at Charleston. The highest velocity for any 5-minute period was 38 miles per hour from the west at Due West on the 13th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 179.0 hours, or 58% of the possible amount. The average number of clear days was 14; partly cloudy, 5; cloudy, 9, as against normals of 13, 6, and 9 days, respectively.

RIVER CONDITIONS.

Freshet conditions were quite general during the latter part of the month. The Santee River was in flood at Rimini after the 22d, and at Ferguson after the 24th. The Pee Dee River was in flood at Cheraw on the 25th and at Mars Bluff after the 26th.

MISCELLANEOUS PHENOMENA (dates).

Hail.—Aiken, Charleston, Laurens, Newberry, and Trenton, 25.

Halos—Lunar: Charleston, 14; Columbia, 14; Due West, 4, 12, 14, 15; Greenville, 8, 11; Santuck, 18; Walhalla, 22. *Solar:* Due West, 4, 14, 21, 24, 25, 26, 28; Greenville, 24, 27.

Fog, dense.—Calhoun Falls, 24; Charleston, 8, 13; Columbia, 13, 24; Due West, 12, 13, 18, 24; Greenville, 12, 13, 24; Rimini, 2, 3, 6, 8, 9, 10, 11, 12, 13, 18, 24; Saluda, 8, 9, 13; Trenton, 8, 9; Winnsboro, 10.

MISCELLANEOUS DATA FOR FEBRUARY, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.04	48.2	76	25	3.25	1.38	7.9	nw.	80	60	67	39
Augusta, Ga.	30.06	58.8	80	36	4.91	1.83	5.5	nw	88	71	77	62
Charleston, S. C.	30.06	61.2	82	43	2.17	1.10	7.4	sw.	85	73	81	66
Charlotte, N. C.	30.04	53.4	79	30	3.84	1.72	5.8	sw.	80	64	65	58
Columbia, S. C.	30.06	57.6	81	34	3.69	1.40	7.5	sw.	85	59	65	55
Due West, S. C.	30.08	54.2	77	30	3.86	1.09	9.4	sw.	86	66	....	61
Greenville, S. C.	30.03	53.6	76	30	6.27	2.57	9.4	sw.	81	70	70	53
Savannah, Ga.	30.08	62.8	81	39	1.45	0.77	12.5	w.	80	55	66	66
Wilmington, N. C.	30.06	57.6	81	34	2.15	1.09	7.5	w.	86	62	76	63
Means and extremes	30.06	56.4	82	25	3.51	2.57	8.1	sw.	83	64	71	58

Climatological Data for February, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort (near)‡‡	Beaufort	21	46	61.0	+9.0	81	4	40	1	38	3.41	+0.02	2.00	0	3	17	8	3	s	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	58.7	+10.2	85	4	34	†21	40	5.96	+1.88	1.10	0	12	20	2	6	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	61.2	+8.8	82	4	43	21	26	2.17	−1.24	1.10	0	5	13	8	7	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	55.6	+10.2	82	† 6	28	1	47	2.63	−1.44	0.73	0	7	....	....	.	.....	Roland D. Powe.
Conway	Horry	25	37	58.8	+10.4	83	17	30	1	44	2.22	−2.09	0.87	0	8	15	0	13	sw.	Paul Quattlebaum.
Darlington	Darlington	175	32	[a]57.2	+11.2	[a]84	6	30	† 1	[a]40	4.07	+0.46	1.52	0	9	15	2	11	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	4.78	+0.07	0.90	0	10	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	58.0	+9.8	88	4	36	†22	37	3.18	−0.62	0.94	0	10	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	45	56.8	+10.0	84	6	34	†21	36	4.51	+0.42	1.65	0	8	17	4	7	sw.	H. K. Gilbert.
Florence 2	.....do	136	12	.....	.....	.....	.....	.....	.....	.....	3.63	−0.46	1.12	0	8	14	0	13	se.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	60.5	.....	84	17	32	27	41	2.49	.....	1.05	0	7	13	10	5	.....	Maner B. Robert.
Georgetown	Georgetown	18	34	59.6	+10.0	85	† 4	32	1	44	3.09	−0.94	2.70	0	3	19	6	3	nw.	A. P. Hazard.
Kingstree	Williamsburg	54	45	59.4	+11.6	84	17	32	1	43	3.16	−0.68	1.10	0	5	14	4	10	w.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	3.18	.....	0.50	0	10	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	11	59.7	+8.9	81	6	34	1	40	4.09	+0.64	1.22	0	9	12	6	10	sw.	U. S. Fisheries Station.
Pinopolis	Berkeley	54	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	5.22	+1.68	1.05	0	9	.	....	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	[b]55.3	+10.1	[a]83	6	[b]30	28	[b]41	3.56	−0.81	0.88	0	10	11	2	12	w.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	59.6	+9.5	82	17	35	27	38	2.18	−1.74	0.83	0	3	18	5	5	sw.	Dr. William Simons.
Wedgefield	Sumter	249	37	60.4	+11.9	81	† 5	34	28	35	4.23	+0.18	1.40	0	8	18	3	7	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	60.5	+11.8	82	6	33	1	44	3.67	+0.12	1.44	0	5	16	3	9	sw.	W. C. Hinson.
Division means and	extremes	.....	....	58.9	+10.5	88	4	30	† 1	47	3.57	−0.33	2.70	0	8	16	4	8	sw.	
Western Portion.																				
Aiken	Aiken	527	65	58.7	+9.5	81	† 4	32	†21	32	7.14	+3.14	2.07	0	8	14	0	14	nw	Frank B. McCoy.
Anderson	Anderson	764	34	55.0	+9.5	80	4	32	† 1	40	3.75	−1.41	0.79	5	10	17	1	10	w.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	4 14	+0.07	1.42	0	10	....	....	....	.....	Esther B. Owens.
Cesars Head‡‡	Greenville	3118	3	47.0	.....	71	17	20	21	30	5.81	.....	2.31	T.	7	5	10	13	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	54.8	.....	81	4	31	†21	40	4.46	−0.90	1.23	0	10	10	6	12	s.	L. M. Parker.
Camden	Kershaw	222	77	[d]57.6	+10.4	[d]85	6	30	† 1	[d]45	5.26	+1.35	1.52	0	10	....	....	....	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	3.16	−1.38	1.00	0	9	....	....	....	.....	James C. Furis.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	5.16	+1.03	1.14	0	11	....	....	....	.....	George V. Clamp.
Chester††	Chester	487	5	.....	.....	.....	.....	.....	.....	.....	4.43	.....	1.60	0	7	....	....	....	.....	J. C. Cornwell.
Clemson College	Oconee	850	35	54.4	+10.5	80	4	31	21	37	4.81	−0.64	1.77	0	11	11	7	10	w	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	57.6	+9.4	81	4	34	21	32	3.69	−0.90	1.40	0	10	11	7	10	sw.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	4.93	.....	1.51	0	11	....	....	....	....	Broad River Power Co.
Due West	Abbeville	711	13	54.2	+9.5	77	4	30	21	27	3.86	−1.30	1.09	0	10	9	8	11	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	3.63	−0.20	1.30	0	8	....	....	....	....	D. W. Sharpe.
Gaston Shoals††	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	5.60	+1.10	1.70	0	11	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	53.6	+10.3	76	4	30	21	25	6.27	+1.02	2.57	T.	10	7	12	9	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	53.6	+10.3	78	† 5	29	1	40	5.03	+0.27	1.74	0	10	14	0	14	sw.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	53.4	+9.3	79	† 4	29	28	39	2.84	−1.06	1.54	0	6	19	0	9	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	48.2	.....	71	17	20	21	32	5.78	.....	1.76	0	10	15	5	8	w.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	55.1	+8.6	80	† 6	29	28	41	3.34	−0.40	1.51	0	8	14	3	11	w.	John W. Hamel.
Landrum	Spartanburg	1063	12	53.3	+8.8	78	17	21	1	49	5.76	+0.71	1.81	T.	10	12	8	8	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	54.6	.....	81	4	28	1	42	4.39	... ...	1.39	0	12	14	7	7	sw.	L. G. Rolf.
Little Mountain	Newberry	711	34	.....	. ....	.....	.....	31	28	.....	3.70	−0.70	1.30	5	10	15	4	9	w.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	...	.....	.....	2.67	.....	1.80	0	4	....	....	....	.....	Broad River Power Co.
Newberry	Newberry	502	23	55.8	+9.8	81	4	30	1	42	5.01	+0.67	1.30	0	12	12	6	10	w.	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	3.64	−1.31	0.88	0	12	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	25	56.0	+9.1	77	† 4	27	1	41	4.68	+0.13	1.41	0	12	10	8	10	sw.	W. S. Crout.
Santuck	Union	512	34	54.2	+10.5	81	4	23	1	51	4.23	−0.72	2.37	0	10	13	8	7	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	51.0	+7.9	78	4	26	1	37	7.35	+2.80	2.00	0	9	17	0	11	.....	M. H. Daniel.
Trenton	Edgefield	620	34	57.0	+10.3	80	† 4	30	28	42	4.18	−0.74	1.30	0	10	11	5	12	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	51.8	+8.0	79	4	25	1	44	7.57	+2.14	3.20	T.	12	14	5	9	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	33	[b]54.8	+7.7	[a]80	† 4	[b]31	†28	[b]35	3.68	−0.65	1.29	0	9	12	8	8	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	54.0	+9.1	80	5	29	28	39	3.69	−0.49	1.53	0	9	10	10	8	sw	W. T. Clawson.
Division means and	extremes	.....	....	54.2	+9.0	85	6	20	21	51	4.66	+0.03	3.20	T.	10	13	5	10	sw.	
Section means and	extremes	.....	....	57.6	+10.2	88	4	20	21	51	4.24	−0.07	3.20	T.	9	14	5	9	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

January, 1927, Page 2.—Blackville, maximum temperature should be 81 on 24th; Camden, minimum temperature should be 11 on 17th; Laurens. prevailing wind direction should be northeast; Pinopolis, maximum 24-hour precipitation should be 0.45; Society Hill and Spartanburg, maximum temperature date should be 23; Summerville, days temperature record missing should be [b].

Daily Precipitation for February, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort(near).	Coast									.48										2.00						.93							3.41
Blackville ‖‖	Edisto								1.00	.40	1.10		.10	.05	.80				.01	1.10	.40	.10			.40		.50						5.96
Charleston ***	Coast									.17	T.								.21	.89				.59	T	.31							2.17
Cheraw ‖‖	Pee Dee							T.	.73	T.			.06	.05						.62	.68				.37		.12						2.63
Conway ‖‖	Waccamaw			T.					.05	.10	T.		.16							.87	.30				.28	.35	.11						2.22
Darlington ‖‖	Pee Dee							1.52	.10	.21				.26						.50	.80			.03	.55		.10						4.07
Effingham ‖‖	Lynches							.90	.21	.31	.04		.73	.44						.39	.79				.78		.19						4.78
Ferguson ‖‖	Santee							.09		.13	.01	.01	.82	.03						.47	.38				.94		.30						3.18
Florence 1 ‖‖	Pee Dee							.12	.18		.04	.20	1.10							.81	1.65						.41						4.51
Florence 2 ‖‖	do							.65	.22	.32			T	.37						.19	1.12				.58		.18						3.63
Garnett	Savannah									.25	.05									1.05	.03			.44	.48	.19							2.49
Georgetown	Coast																			2.70					.24	.15							3.09
Kingstree ‖‖	Black					.05	T		.05		1.10	.20								.50	.27				.65	.12	.22						3.16
Mars Bluff	Pee Dee								.50	.07	.20	.08		.40	.40					.15	.80				.45		.13						3.18
Orangeburg	Edisto								.28	.38	.16	T.	.04	.35						1.22	T.			.67	.83	.16							4.09
Pinopolis	Cooper																																
Rimini ‖‖	Santee								.55	.90	.35			.20	.37					.55	.95				1.05		.30						5.22
Society Hill ‖‖	Pee Dee								.28	.88	.17	.01		.10	.35					.22	.80				.18	.57							3.56
Summerville	Ashley										.83														.83		.52						2.18
Wedgefield	Wateree								.85	.25			.05		.45					1.40	.05				.90		.28						4.23
Yemassee‖‖	Ashepoo										1.05									.53	.53	T			1.44		.12						3.67
Western Portion.																																	
Aiken	Edisto									.81	.53			.87	.97					1.09				2.07	.39	.41							7.14
Anderson	Savannah								.77	.79				.29	.21	.21			.13	.40	.02			.75		.18							3.75
Blairs ‖‖	Broad								.54	.43	.08		.04	.09	.44					.41	1.42				.58		.11						4.14
Cesar's Head	Saluda									.31				2.31						.50	1.00	1.15			.37		.17						5.81
Calhoun Falls ‖‖	Savannah							T.	.26	.47	.16		.16	.22	.83					.12	.70				1.23		.31						4.46
Camden ‖‖	Wateree								.95	.30	.05	.02		.10	.42					.50	1.52			.20	1.20								5.26
Catawba ‖‖	Catawba								.10	.30	.08				.20					.83	.95	.15			1.00		.05						3.16
Chappells ‖‖	Saluda							.05	.55	.19	.15		.04	.18	.70					.93	1.14				1.12		.11						5.16
Chester	Broad					.20			.40	.15									.40		1.06	.62		1.60									4.43
Clemson College	Savannah								.65	.29	.02		.27	1.77	.15				.07	.14	.03			1.23		.19							4.81
Columbia ***	Congaree							.23	.48	.04	T		.05	.29	.01				.13	1.27	T.			1.10		.09							3.69
Crescent	Enoree							.16	.36	.29	.07	.13	.62								1.51		.23	.92		.15							4.93
Due West***	Savannah							.08	.30	.30				.35	.65	T.			.25	.89	.01		T.	.93		.10							3.86
Edgefield ‖‖	Savannah								.40	.10	.20			.10	.60					.48	.45				1.30								3.63
Gaston Shoals ‖‖	Broad								.35	.13	.18		.06	.37	.75					.20	1.70			.31	1.45		.10						5.60
Greenville ***	Saluda								.64	.11			.20	1.28	T.				.03	1.31	.02		.38	2.19		.11							6.27
Greenwood ‖‖	do								.47	.13	.15		.07	.29	.65					.38	1.74				1.04		.11						5.03
Heath Springs	Wateree								.57	.02			.09	.16						1.54				.46									2.84
Hogback Mountain	Broad							.12	.13	.09			.18	1.76	.10				.10	1.49				1.67		.14							5.78
Kershaw ‖‖	Lynches								.26	.60				.09	.12					.12	1.51					.57		.07					3.34
Landrum	Broad								.22	.12			.15	1.38	.24				.28	1.81	.05			1.41		.10							5.76
Laurens	Saluda							.04	.25	.78	.05		.21	.34	.25				.12	1.39	.03			.80		.13							4.39
Little Mountain	Saluda							.07	.55	.25	.06		.05	T.	.37				T.	1.30	.05			.90		.10							3.70
Lockhart	Broad									.12				.15						T.	1.80	.60											2.67
Newberry	Saluda							.11	1.10	.03	.06		.24	.60	.06				.37	1.30	.04			1.00		.10							5.01
Pelzer ‖‖	do								.36	.20	.24		.08	.24	.46	T.				.16	.64	.20		.28	.60		.18						3.64
Saluda	do							.05	.60	.10	.16		.38	.05	.44					1.41	.04			1.28	.03	.14							4.68
Santuck	Broad								.31	.20			.15	.07	.26				.03	2.37	.03		T.	.67		.14							4.23
Spartanburg ‖‖	do								.60	.10	.20		.15		1.00					.70	1.50		1.10	2.00									7.35
Trenton	Edisto								.15	.15	.14		.16		.68				.24	.86	.05			1.30		.45							4.18
Walhalla	Savannah								.29	.06	.25		.44	2.38	.08				.15	.33	.06		.01	3.20		.32							7.57
Winnsboro ‖‖	Broad								.55	.57			.07	.05	.25					.10	1.29				.70		.10						3.68
Winthrop College	Catawba								.43	.20			.10	.10	.10					1.53	.11			1.05		.07							3.69

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR FEBRUARY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.6	80	24	3.41	12	.....	.....	.....	.....
1888	49.9	76	15	4.83	10	.....	.....	.....	ne.
1889	41.9	75	10	5.60	8	.....	.....	.....	*w.
1890	56.1	83	21	2.38	.....	.....	.....	.....	sw.
1891	54.7	83	13	4.23	.....	.....	.....	.....	sw.
1892	49.2	73	18	3.64	.....	.....	.....	.....	*sw.
1893	51.0	82	25	5.05	12	.....	.....	.....	.....
1894	48.9	76	16	4.35	10	8	9	11	sw.
1895	37.4	78	− 6	3.07	7	13	6	9	nw.
1896	48.2	81	5	6.13	8	13	8	8	sw.
1897	50.0	83	15	7.80	11	10	7	11	sw.
1898	44.5	78	10	0.86	3	15	6	7	w.
1899	43.0	80	−11	6.98	12	9	7	12	w.
1900	44.0	78	1	5.77	10	9	7	12	w.
1901	43.2	78	7	3.08	6	14	7	7	nw.
1902	40.6	77	11	5.89	8	12	6	10	nw.
1903	49.0	81	11	7.03	10	10	7	11	sw.
1904	45.2	86	15	3.59	9	12	6	11	ne.
1905	38.9	72	0	5.21	9	10	4	14	ne
1906	46.0	76	12	2.58	6	16	5	7	ne.
1907	45.1	84	16	3.64	8	10	8	10	ne.
1908	43.6	81	12	5.28	10	14	6	9	w.
1909	52.2	84	12	4.49	8	15	7	6	sw.
1910	44.7	79	15	4.71	9	12	6	10	w
1911	52.1	85	20	1.60	5	13	8	7	sw.
1912	42.3	80	8	5.99	8	15	5	9	w.
1913	48.9	80	22	4.50	8	12	4	12	w.
1914	44.6	78	14	4.41	9	12	6	10	n.
1915	48.6	80	20	3.15	6	15	6	7	n.
1916	48.5	81	11	3.96	8	17	6	6	sw.
1917	47.3	87	− 2	4.11	8	14	7	7	sw.
1918	52.4	88	11	1.89	7	14	7	7	sw.
1919	47.5	75	17	4.73	10	14	4	10	ne.
1920	42.8	76	8	4.05	8	12	5	12	nw.
1921	49.4	85	19	4.73	9	12	7	9	w.
1922	52.6	84	14	6.62	10	8	8	12	sw.
1923	44.8	82	11	3.88	8	14	4	10	w.
1924	44.2	79	13	3.54	7	15	5	9	w.
1925	52.4	80	19	1.69	7	15	4	9	sw.
1926	49.3	78	12	3.99	6	15	6	7	w.
1927	57.6	88	20	4.24	9	14	5	9	sw.
Period	47.4	88	−11	4.31	8	13	6	9	sw.

*Also nw.

Daily Temperatures for February, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	62	78	77	81	79	76	77	76	66	59	71	74	79	78	78	76	79	74	66	61	60	66	71	69	70	63	69	62	....	....	....	71.3
	Minimum	40	46	49	55	54	55	56	55	57	52	50	48	60	59	56	47	57	56	59	44	40	40	51	58	50	43	41	43	....	....	....	50.8
Blackville	Maximum	65	75	80	85	80	82	75	72	58	62	68	73	80	73	75	78	82	76	60	53	57	67	70	75	70	58	46	55	....	....	....	69.6
	Minimum	35	46	50	57	55	56	58	56	51	48	44	42	56	57	51	48	53	54	53	40	34	38	50	47	53	34	37	36	....	....	....	47.8
Charleston	Maximum	59	76	75	82	80	80	79	62	60	59	63	68	77	73	75	75	76	73	68	54	56	64	71	72	70	58	68	56	....	....	....	68.9
	Minimum	44	50	56	59	59	57	58	56	56	53	52	52	60	61	59	55	61	59	53	44	43	45	59	60	55	44	44	44	....	....	....	53.5
Cheraw§§	Maximum	62	73	79	80	80	82	70	50	52	57	63	62	76	73	72	76	82	78	61	49	57	67	62	75	72	55	62	53	....	....	....	67.4
	Minimum	28	44	40	56	50	48	58	44	45	44	45	42	50	48	38	35	50	49	58	35	34	31	52	53	40	30	37	29	....	....	....	43.7
Conway	Maximum	64	74	78	80	81	82	75	71	60	57	57	73	80	76	75	77	83	76	69	61	55	66	73	66	73	57	65	59	....	....	...	70.1
	Minimum	30	45	45	59	50	58	57	46	50	48	51	41	56	61	54	50	59	51	59	43	39	33	52	55	43	31	38	33	....	....	....	47.4
Darlington§§	Maximum	64	75	80	83	82	84	76	54	54	57	....	65	78	75	74	78	82	79	62	47	56	66	64	72	75	54	64	53	....	....	....	[a]68.5
	Minimum	30	37	42	60	53	58	60	45	45	47	49	45	54	55	52	38	50	61	58	39	36	32	40	53	42	35	38	30	....	....	....	45.9
Ferguson§§	Maximum	68	78	85	88	78	80	72	62	52	58	54	68	68	68	70	73	74	61	59	58	59	67	62	60	48	45	41	42	....	....	....	67.8
	Minimum	42	46	53	57	51	52	53	55	55	49	48	43	52	55	54	40	51	49	58	44	38	36	54	58	43	39	38	36	....	....	....	48.2
Florence 1	Maximum	59	74	77	79	83	84	66	64	63	62	59	62	76	80	70	74	83	71	70	68	62	63	60	57	50	55	66	50	....	....	....	67.4
	Minimum	38	44	44	53	54	59	60	50	49	48	46	44	55	53	51	44	58	52	48	46	34	35	36	41	44	34	38	34	....	....	....	46.1
Garnett	Maximum	68	76	79	82	79	81	80	81	71	71	67	78	82	76	77	80	84	80	71	62	58	71	81	73	78	62	72	67	....	....	....	74.5
	Minimum	35	42	46	53	46	46	53	54	56	51	44	42	56	56	49	50	49	50	58	41	38	34	50	50	42	28	32	42	....	....	....	46.5
Georgetown	Maximum	64	76	80	85	82	83	79	76	66	64	63	78	63	79	78	79	85	78	64	64	57	67	74	70	75	63	59	67	....	....	....	72.1
	Minimum	32	43	41	56	49	57	55	48	50	48	53	42	50	59	55	43	59	50	57	45	38	36	48	57	42	36	35	35	..	....	....	47.1
Kingstree	Maximum	65	75	80	80	82	82	74	68	58	55	62	71	80	77	73	78	84	77	70	61	56	67	71	69	73	57	67	62	....	....	....	70.5
	Minimum	32	35	46	60	54	60	60	50	51	49	50	43	56	60	55	41	56	52	60	44	37	36	55	57	43	37	39	36	....	....	....	48.4
Orangeburg 1	Maximum	62	73	78	82	80	81	76	71	58	59	66	73	80	73	73	78	82	78	72	54	54	68	71	73	73	61	65	61	....	....	....	70.5
	Minimum	34	47	45	62	55	55	57	57	52	49	58	42	57	59	54	42	53	50	54	42	37	37	54	57	45	38	38	38	....	....	....	48.9
Society Hill§§	Maximum	62	75	78	80	81	83	66	50	53	57	63	62	77	73	75	76	81	77	61	47	55	65	63	73	72	65	63	....	....	....	....	[a]67.5
	Minimum	32	37	43	41	52	42	59	46	44	46	47	45	48	52	52	37	36	36	53	....	34	....	51	53	42	31	31	30	....	....	....	[b]43.1
Summerville	Maximum	65	74	75	81	80	80	79	77	71	57	65	72	77	73	75	71	82	75	78	62	55	66	72	66	74	57	65	65	....	....	....	71.0
	Minimum	36	46	49	59	53	53	55	57	54	51	49	44	51	51	53	44	57	53	59	45	38	37	49	56	44	36	35	39	....	....	....	48.3
Wedgefield	Maximum	61	73	84	82	81	81	79	75	66	66	65	65	78	74	73	75	80	76	73	68	55	65	63	73	76	65	63	60	....	....	....	71.0
	Minimum	38	49	50	61	58	58	62	60	60	48	50	45	55	60	53	45	55	53	52	40	35	40	53	57	47	35	42	34	....	....	....	49.8
Yemassee	Maximum	67	77	79	83	81	82	81	81	72	58	69	74	82	75	76	78	84	78	69	61	57	71	79	77	76	60	69	64	....	....	....	73.6
	Minimum	33	43	47	57	55	53	52	54	55	51	44	43	54	56	53	42	52	50	58	42	37	34	48	57	44	36	37	41	....	....	....	47.4
Western Portion.																																	
Aiken	Maximum	63	71	77	81	79	80	74	70	56	64	67	67	77	73	71	76	81	77	66	45	58	68	63	76	73	59	64	59	....	....	....	69.1
	Minimum	37	47	51	62	54	55	61	55	50	47	42	47	59	55	51	48	56	56	45	38	32	40	51	56	49	32	40	36	....	....	....	48.3
Anderson	Maximum	59	72	74	80	76	76	76	62	51	66	63	55	55	70	75	75	77	70	60	41	57	66	61	73	62	54	62	54	....	....	....	65.1
	Minimum	32	47	50	56	54	55	57	46	48	43	37	45	51	53	46	45	49	53	40	34	29	39	50	52	43	32	37	32	....	....	....	44.8
Caesar's Head	Maximum	50	64	68	68	67	66	64	53	48	57	55	51	52	66	65	62	71	55	48	31	48	51	54	64	53	38	50	45	....	....	....	55.8
	Minimum	31	33	36	52	54	55	45	40	39	40	30	31	43	58	45	44	45	48	44	28	20	21	29	41	43	25	26	23	....	....	....	38.2
Calhoun Falls§§	Maximum	61	74	76	81	78	79	65	56	52	62	66	56	65	70	72	74	78	72	64	42	62	70	62	75	69	59	54	45	....	....	....	65.7
	Minimum	34	34	48	49	54	57	58	50	49	45	38	39	46	52	47	42	45	53	57	36	31	31	40	54	42	32	32	33	....	....	....	43.9
Camden§§	Maximum	65	75	80	83	85	82	68	57	60	68	77	78	76	72	72	79	80	64	....	..	....	....	70	68	60	60	56	....	....	....	....	[d]68.1
	Minimum	30	30	43	44	49	50	55	48	47	43	42	50	50	43	39	42	42	42	39	33	32	37	54	45	30	36	32	...	....	....	....	47.5
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	60	71	75	80	75	77	73	66	53	65	62	62	55	70	70	71	77	73	62	46	56	59	61	73	70	60	61	57	....	....	....	65.7
	Minimum	35	44	45	54	46	56	57	47	48	44	33	43	50	51	43	36	49	47	44	34	31	34	48	51	35	32	36	24	....	....	....	43.1
Columbia	Maximum	61	73	76	81	80	80	67	57	53	62	66	60	77	70	72	75	81	72	62	41	55	66	61	74	70	54	62	52	....	....	....	66.4
	Minimum	38	49	51	62	59	59	57	49	49	48	47	48	55	59	54	43	58	57	39	39	34	42	55	56	46	36	42	36	..	....	....	48.8
Due West	Maximum	58	71	74	77	71	75	65	57	50	66	62	55	60	68	70	72	76	70	57	39	55	65	62	72	60	52	59	51	....	....	....	63.1
	Minimum	31	47	47	57	55	55	57	47	47	45	37	44	52	55	46	45	52	55	39	35	30	38	55	52	43	34	36	33	...	....	....	45.4
Greenville	Maximum	55	70	73	76	72	73	70	57	49	61	60	53	54	68	69	68	75	68	55	37	55	56	59	71	60	52	59	50	....	....	....	61.6
	Minimum	35	48	50	58	54	57	57	46	47	46	40	45	50	54	49	49	53	54	36	34	30	40	51	52	42	34	37	32	....	....	....	45.7
Greenwood	Maximum	61	60	70	74	78	73	77	64	51	51	63	64	56	62	68	71	74	78	71	57	38	55	66	61	72	62	53	60	....	....	....	63.9
	Minimum	29	30	48	49	56	56	57	48	48	46	39	39	46	52	48	41	41	54	55	36	30	30	42	52	45	32	33	32	....	....	....	43.4
Heath Springs	Maximum	55	70	72	79	77	79	66	50	50	55	60	69	70	64	66	72	76	75	46	40	48	62	56	72	51	58	57	50	....	....	....	62.3
	Minimum	34	46	45	57	53	59	57	44	46	45	41	43	44	43	41	43	55	54	40	36	32	39	53	54	33	38	46	29	....	....	....	44.6
Hoghack Mountain	Maximum	46	62	66	67	66	69	62	56	52	53	53	52	51	64	60	61	71	65	53	33	45	52	53	64	52	40	47	44	....	....	....	55.7
	Minimum	30	40	46	52	54	56	46	39	41	41	31	43	46	48	45	46	53	51	33	26	20	34	46	48	41	26	32	23	....	....	....	40.6
Kershaw	Maximum	59	72	71	79	79	80	74	60	52	55	64	57	73	69	70	76	80	77	62	41	56	65	61	73	69	54	60	54	....	....	....	65.8
	Minimum	31	45	45	58	50	58	59	43	46	46	42	41	52	54	47	41	55	51	39	35	32	31	53	54	44	32	30	29	....	....	....	44.4
Landrum	Maximum	64	70	76	77	75	75	72	64	50	62	62	57	53	72	69	70	78	68	59	41	54	62	59	74	61	56	59	51	....	....	....	63.9
	Minimum	21	36	41	57	47	59	56	45	47	45	41	44	49	49	47	38	52	53	40	34	31	32	50	41	39	35	38	29	....	....	....	42.7
Laurens	Maximum	60	73	76	81	75	79	70	61	50	67	65	57	56	70	72	74	79	73	58	39	56	65	61	76	64	55	63	53	....	....	....	65.3
	Minimum	28	46	43	55	52	56	56	48	46	45	35	45	53	54	45	37	52	55	39	36	30	40	54	54	39	29	29	32	....	....	....	44.0
Little Mountain	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	48	48	58	55	56	55	47	45	44	46	45	....	....	50	....	....	....	39	35	30	39	52	...	49	33	38	31	....	....	....	[c]44.9
Newberry	Maximum	60	72	77	81	77	80	72	60	51	61	65	57	71	68	71	75	79	74	59	40	55	66	63	74	66	54	62	53	....	....	....	65.8
	Minimum	30	44	47	58	55	57	59	50	48	46	39	43	53	56	47	41	55	57	40	26	31	37	54	55	43	32	40	33	....	....	....	45.9
Saluda	Maximum	58	68	72	77	77	79	72	64	52	59	62	62	70	70	68	72	76	76	64	44	53	65	65	72	72	69	60	60	....	....	....	66.4
	Minimum	27	47	44	59	51	56	57	50	49	47	39	42	51	58	49	38	53	58	42	37	32	36	56	54	42	30	38	34	....	....	....	45.7
Santuck	Maximum	59	74	76	81	76	80	73	63	50	58	62	59	58	69	71	73	79	73	65	41	53	64	62	74	65	58	61	55	....	....	....	65.4
	Minimum	23	43	40	56	50	59	57	47	47	48	45	40	52	51	42	33	55	50	39	36	31	30	51	54	37	27	26	31	....	....	....	42.9
Spartanburg	Maximum	55	70	75	78	76	77	50	50	50	60	60	53	55	68	70	70	76	70	40	40	60	60	58	70	45	42	56	50	....	....	....	60.1
	Minimum	26	33	40	43	45	56	54	47	44	43	34	38	50	50	42	45	48	50	54	34	30	35	50	50	37	35	34	28	....	....	....	42.0
Trenton	Maximum	63	69	75	80	76	79	75	67	55	60	64	60	76	68	69	74	80	72	60	43	55	66	62	75	76	50	64	60	....	....	....	66.2
	Minimum	38	50	54	58	55	57	60	52	50	47	40	40	47	51	52	48	65	56	42	37	31	47	55	55	48	34	39	30	....	....	....	47.8
Walhalla	Maximum	56	69	72	79	76	76	73	62	53	62	63	55	55	77	72	69	76	71	56	44	56	53	59	72	63	53	62	51	....	....	....	63.8
	Minimum	25	41	41	54	46	42	52	45	47	43	32	41	41	51	38	36	44	45	42	32	27	31	47	47	32	29	34	28	....	....	....	39.8
Winnsboro§§	Maximum	60	72	76	80	77	80	....	51	51	56	63	57	73	68	70	74	79	74	59	40	52	65	61	72	68	51	61	51	....	....	....	[a]64.5
	Minimum	33	38	48	52	57	58	....	....	47	46	42	43	48	53	50	45	54	56	56	36	31	34	43	55	46	33	26	31	....	....	....	[b]45.0
Winthrop College	Maximum	58	71	72	78	79	80	69	61	48	55	63	58	56	68	71	73	79	75	65	44	55	63	60	73	66	56	58	50	....	....	....	64.4
	Minimum	32	45	42	54	52	57	56	45	45	44	39	45	49	46	45	45	53	55	37	33	30	32	50	52	42	30	37	29	...	....	....	43.6

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 3-21-27—900

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN. Meteorologist.

VOL. XXX. COLUMBIA, S. C., MARCH, 1927. No. 3.

GENERAL SUMMARY.

The weather was unusually changeable, with unseasonably low temperatures during the opening days, and light to heavy snowfall up-State on the 1st and 2d, followed by abnormally high temperatures later in the month. On the whole, the temperature averaged somewhat above normal, and the precipitation somewhat below.

Freezing weather at the beginning of the month seriously injured peaches, pears, and plums in the northwestern counties, and further damage resulted in that region from the freeze of the 25th; elsewhere, fruit damage was comparatively light. Growth of winter cereals and garden and field truck was materially checked by the cold, but showed marked improvement under warmer weather following, and grain fields were being pastured. Tobacco, tomato, and sweet potato beds were in good condition, and asparagus shipments began about two weeks in advance of former seasons. Good progress was made in spring plowing. Early corn planting became quite general toward the close of the month, and there was considerable cotton planting on the lower coastal plain.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.13 inches. The highest pressure was 30.50 inches at Charleston and Columbia on the 5th; the lowest pressure was 29.49 inches at Wilmington, N. C., on the 2d, and in the Section proper, 29.61 inches at Charleston on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 55.2°, or 0.4° above the normal. The warm periods were from the 6th to 8th and 11th to 21st, inclusive, when the daily mean temperatures ranged from 5° to 22° above normal. The lowest temperature was 16° at Spartanburg on the 3d. The cold periods were from the 1st to 5th, on the 9th and 10th, and from the 22d to the 29th, inclusive, with daily mean temperatures ranging from 5° to 18° below normal. Late spring freezing temperatures were general up to the 5th, and in the western portion, as late as the 28th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 83%; noon, 64%; 8 p. m., 70%. The highest percentages occurred over the southern counties, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 3.79 inches, or 0.11 inch below the normal. There were four fairly well defined periods of precipitation, but the amounts were badly distributed. The total monthly measurements ranged from 4 to over 6 inches in small areas of Berkeley and the northern and northwestern counties; elsewhere, the amounts ranged downward to near 2 inches in southeastern Hampton County. The greatest local monthly amount was 6.15 inches at Caesar's Head, and the least local monthly amount was 2.18 inches at Yemassee. The greatest amount during any 24 hours was 3.00 inches at Caesar's Head on the 24-25th. The average number of rainy days was normal.

Measurable snowfall, ranging in depth from 0.2 to 16.0 inches, occurred in the central and northern counties on the 1st, 2d, and 24th.

Sleet occurred at numerous up-State stations on the 1st, 2d, and 9th.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 8.8 miles. The highest average velocity was 12.0 miles per hour at Savannah, Ga., and in the Section proper, 10.5 miles per hour Greenville; the lowest average velocity was 5.7 miles per hour at Augusta, Ga., and in the Section proper, 7.8 miles per hour at Columbia. The highest velocity for any 5-minute period was 43 miles per hour from the west at Savannah, Ga., on the 24th, and in the Section proper, 37 miles per hour from the southwest at Greenville on the 26th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 205.9 hours, or 55% of the possible amount. The average number of clear days was 13; partly cloudy, 6, and cloudy, 12, as against normals of 14, 8, and 9 days, respectively.

RIVER CONDITIONS.

Flood stages occurred in the Broad River at Blairs and in the Pee Dee River at Cheraw about the 10-11th. The Santee River was close to or above flood stages at Rimini until the 20th, and at Ferguson, until the 22d. The Pee Dee River was in flood at Mars Bluff on the 1st and 2d and from the 9th to the 17th.

MISCELLANEOUS PHENOMENA (dates).

Last killing frosts or freezing temperatures.—3d, 1 station; 4th, 4; 5th, 16; 25th, 17; 26th, 1; 28th, 1.

Hail.—Beaufort (near), 23; Charleston, 24.

Halos—Lunar: Columbia, 13; Due West, 13, 17, 18; Greenville, 13, 18; Santuck, 13; Walhalla, 8. *Solar:* Columbia, 12, 19, 27; Due West, 12, 13, 19, 22, 27, 29; Greenville, 8, 20.

Fog, dense.—Calhoun Falls, 16; Charleston, 17; Columbia, 17, 31; Due West, 16; Gaston Shoals, 16; Greenville, 7, 25; Pelzer, 7; Rimini, 16, 17, 20, 30, 31; Santuck, 16; Winnsboro, 7.

MISCELLANEOUS DATA FOR MARCH, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.13	47.6	78	21	2.79	1.05	9.8	se.	84	57	63	40
Augusta, Ga.	30.13	58.4	84	29	3.34	1.07	5.7	nw.	84	71	75	61
Charleston, S. C.	30.13	58.9	80	32	2.97	0.79	9.6	sw.	84	80	85	57
Charlotte, N. C.	30.13	53.6	83	23	3.83	1.37	6.2	sw.	77	59	59	64
Columbia, S. C.	30.14	57.0	84	27	3.82	1.52	7.8	ne.	80	57	59	51
Due West, S. C.	30.16	54.4	81	23	3.65	1.39	9.7	sw.	82	60	...	54
Greenville, S. C.	30.12	53.8	80	27	3.89	1.36	10.5	ne.	84	68	66	55
Savannah, Ga.	30.12	60.8	83	32	2.81	1.09	12.0	s.	84	61	76	52
Wilmington, N. C.	30.14	55.6	82	27	2.39	1.00	8.0	sw.	85	67	81	63
Means and extremes	30.13	55.6	84	21	3.28	1.52	8.8	sw.	83	64	70	55

Climatological Data for March, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort (near)‡‡	Beaufort	21	46	59.8	+1.7	82	20	29	† 4	37	3.88	+0.56	1.40	T.	7	12	9	10	s	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	57.5	−0.2	88	19	25	4	46	3.25	−0.06	1.40	T.	5	18	1	12	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	58.9	+1.5	80	19	32	3	23	2.97	−0.75	0.79	T	7	15	3	13	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	54.4	+0.6	87	†17	18	4	49	3.45	−0.09	0.93	9.0	5	....	...	....	.....	Roland D. Powe.
Conway	Horry	25	37	57.0	+0.4	85	†18	22	5	46	2.42	−1.14	0.86	T.	8	13	4	14	sw.	Paul Quattlebaum.
Darlington	Darlington	175	32	55.0	−0.7	86	19	21	5	42	5.43	+2.47	1.56	2.5	7	19	3	9	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	3.42	−0.36	1.25	0.5	6	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	.....	.....	.....	.....	25	5	....	3.30	+0.06	1.53	T.	4	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	45	54.2	−1.6	80	14	25	5	44	3.31	−0.01	1.25	3.0	7	19	3	9	ne.	H. K. Gilbert.
Florence 2	do	136	12	.....	.....	.....	.....	.....	.....	.....	3.26	−0.06	1.32	3.0	7	21	3	7	s.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	59.8	.....	87	†18	24	† 4	44	2.82	.....	0.80	T.	7	14	6	11	.....	Mauer E. Robert.
Georgetown	Georgetown	18	34	57.6	−0.1	85	†18	22	5	44	3.68	+0.21	1.45	0	6	19	6	6	n.	A. P. Hazard.
Kingstree	Williamsburg	54	45	57.7	+0.8	86	19	24	5	40	3.08	−0.31	1.20	T.	5	16	3	12	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	3.86	.....	1.63	2.0	7	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	11	57.2	−0.4	87	20	26	5	38	2.48	−1.10	0.79	0	8	12	6	13	sw.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	80	56.4	−0.4	80	†19	26	4	....	4.24	+0.66	2.05	T.	6	....	....	....	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	3.27	−0.11	1.15	T.	5	....	....	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	[a]53.8	+0.5	[a]85	†18	22	5	[a]44	4.49	+1.17	1.80	7.0	8	19	1	11	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	57.3	−1.1	83	18	25	4	43	2.33	−0.97	0.69	0	5	16	6	9	sw.	Dr. William Simons.
Wedgefield	Sumter	249	37	58.3	+2.7	85	†19	28	† 3	38	2.68	−0.76	0.90	3.2	7	20	4	7	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	58.8	+0.7	85	†19	24	† 4	42	2.18	−1.26	0.78	T.	5	17	1	13	s.	W. C. Hutson.
Division means and	extremes	.....	....	57.1	+0.5	88	19	18	4	49	3.43	−0.07	2.05	0.3	6	18	4	9	sw.	
Western Portion.																				
Aiken	Aiken	527	65	58.0	+2.4	85	19	24	3	35	3.41	−0.54	1.21	1.0	7	12	1	18	ne.	Frank B. McCoy.
Anderson	Anderson	764	34	54.9	+0.8	82	18	22	3	37	4.29	−0.23	1.45	5.0	10	16	2	13	w.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	3 16	−0.56	0.75	5.0	10	....	....	....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	3	46.1	.....	75	19	19	3	29	6.15	.....	3.00	8.0	7	10	6	15	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	54.2	.....	85	†18	24	† 3	40	4.47	−0.39	1.20	0.2	6	9	6	16	e.	L. M. Parker.
Camden	Kershaw	222	77	55.4	+1.0	89	20	26	5	42	4.87	+1.18	1.80	2.0	8	..	....	....	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	3.91	−0.20	1.15	12.0	9	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	3.70	−0.14	1.13	1.0	9	....	....	....	.....	George V. Clamp.
Chester	Chester	487	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	35	[a]53.9	+1.2	[a]81	†18	[a]20	† 3	[a]43	4.63	+0.07	1.20	6.0	8	6	15	10	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	57.0	+1.8	84	19	27	4	30	3.82	+0.12	1.52	0.7	8	9	8	14	ne.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	4.55	.....	1.30	8.0	10	...	....	....	....	Broad River Power Co.
Due West	Abbeville	711	13	54.4	−0 8	81	18	23	3	29	3.65	−0.75	1.39	3.1	10	8	7	16	sw.	U. S. W B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	2.75	−1.04	1.20	1.0	4	...	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	3.53	−1.24	0.88	7.0	9	...	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	53.8	+3.9	80	19	27	3	29	3.89	−1.50	1.36	9.7	12	8	10	13	sw.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	53.8	+0.9	83	21	25	3	32	4.86	+0.74	1.02	1.0	10	14	0	17	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	53.3	−0.5	81	†18	22	3	37	3.69	+0.09	1.30	8.0	8	10	5	16	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	46.4	.....	75	19	18	3	33	4.18	.....	1.37	16.0	9	15	11	5	w.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	55.0	0.0	84	†18	24	† 3	38	3.97	+0.61	1.43	6.0	7	13	1	17	w.	John W. Hamel.
Landrum	Spartanburg	1063	12	53.0	+1.4	82	†19	24	† 3	44	2.87	−2.61	1.52	6.2	5	17	3	11	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	55.6	.....	84	20	22	3	44	3.66	.....	1.16	7.0	8	12	14	5	sw	L. G. Roff.
Little Mountain	Newberry	711	34	.....	.....	.....	.....	24	3	....	4.83	−0.72	1.03	2.0	8	16	10	5	w.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	4.90	.....	1.50	12.5	7	...	..	...	.....	Broad River Power Co.
Newberry	Newberry	502	23	55.6	+0.5	84	19	24	4	40	4.07	+0.26	1.28	2.0	9	12	4	15	w.	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	3.48	−1.27	1.10	9.0	12	..	...	...	.....	Joshua Y. Jones.
Saluda	Saluda	536	25	55.4	−0.3	79	19	23	4	40	3.85	−0.36	1.26	0.5	12	8	13	10	sw.	W. S. Crout.
Santuck	Union	512	34	54.0	+0.8	83	†18	19	4	45	3.85	−0.53	1.22	11.5	9	10	9	12	w	E. W. Jeter.
Spartanburg	Spartanburg	875	50	57.8	+0.4	81	19	16	3	40	5.80	+0.99	1.50	14 0	10	17	0	14	....	M. H. Daniel.
Trenton	Edgefield	620	34	57.3	+1.1	85	18	27	3	39	5.02	+0.79	1.10	1.0	7	10	8	13	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	52.0	+0.5	83	20	18	3	45	4.48	−1.60	1.25	14.0	12	13	7	11	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	33	54.1	+0.3	83	†18	24	4	31	3.44	−0.50	13.6	4.0	10	11	9	11	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	54.4	+0.8	88	19	21	3	41	3.53	+0.13	1.75	12.0	6	12	11	8	sw.	W. T. Clawson.
Division means and	extremes	.....	....	53.9	+0.2	89	20	16	3	45	4.24	−0.12	3.00	6.4	8	12	7	12	sw.	
Section means and	extremes	.....	....	55.2	+0.4	89	20	16	3	49	3.79	−0.11	3.00	4.0	8	13	6	12	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

February, 1927.—Anderson, minimum temperature, page 6, should be 29 on the 21st. In snowfall column, page 6, 5 should be read 0. Little Mountain, in snowfall column, page 6, 5 should read 0.

Daily Precipitation for March, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
eaufort(near).	Coast	.27	.29							1.40	T.	T.								.66	.15			.54					.57				3.88
lackville	Edisto		1.40								1.00												.20			.25						.40	3.25
harleston ***	Coast	.69	T.				T.			.78	.01				T.						.01	.14	T.	.64							T.	2.97
heraw	Pee Dee		.68	.72						T.	.93		T	T.	T.							.56			.56						T	3.45
onway	Waccamaw	T.	.56	.05							.86	T.			.10	T.			.03			T.	.13		.46						.23	2.42
arlington	Pee Dee		1.56	.31				1.52		T.	.56											T.	.75		T.	.60						.13	5.43
illingham	Lynches		1.25	.97							1.07					T.							T.		.35							.35	3.42
erguson	Santee		1.07	T.							1.53												.15		.34							.20	3.30
lorence 1	Pee Dee		1.25	.06						.07	1.24				T.								.20		.68							.02	3.31
lorence 2	do		1.32	.05			T.					.98			.01																	3.26
arnett	Savannah	.44	.67							.80	.03	.01	T.										.14		.06						.67		2.82
eorgetown	Coast	.12								1.45	.25												.10		.66						1.10		3.68
ingstree	Black		1.00								1.20												.05		.53							.30	3.08
lars Bluff	Pee Dee	1.63	.25								1.08					.10							.02		.63							.15	3.86
rangeburg	Edisto	.18	.58	T.						.75			T.		.04							.15	.48		.18	T					.16	.17	2.48
inopolis	Cooper	.62	T.							2.05															.70						.57	.15	4.24
imini	Santee		.90	.02							1.15												.30									.90	3.27
ociety Hill	Coast	T.	1.80	.57						.08	.87	.02											.33		.68							.14	4.49
ummerville	Ashley		.52							.69													.07		.50							.55	2.33
edgefield	Wateree	.25	.90							.55					T.								.28		.25						.40	.65	2.68
emassee	Ashepoo		.71	T.							.58												.03		.08							.78	2.18
Western Portion.																																	
iken	Edisto	.07	1.21							.47													.21		.27						.97	.21	3.41
nderson	Savannah	1.17	.50				.02		.05	1.45					.10							.12	.08		.36							.44	4.29
lairs	Broad	.20	.75	.35						.43	.44				.06	.04							.23			.63					.03		3.16
esar's Head	Saluda	.80	T.						1.10		2.00	.11			.23								.60			3.00						.31	8.15
alhoun Falls	Savannah		.39	.09					T.	1.20	1.91				T.								.45			.43						T.	4.47
amden	Wateree	.03	1.80	.22						.20	.75												.20			.47		.40				.80	4.87
atawba	Catawba	.20	1.08	T.						.16	.84				.10	.05							.21			1.15						.12	3.91
happells	Saluda	.09	1.13						.03	.52	.65				.18								.22		.08	.80							3.70
hester	Broad																														.04	.59	4.63
lemson College	Savannah	.81	1.12					.04	.33	1.20															.50						.28	.16	3.82
olumbia ***	Congaree	1.33	.19					T.	T.	1.07			T.		.03							.11			.65		T.						4.55
rescent	Enoree	.80	1.30					.11	.88	.49				.03	.08								.10			.74			.02				3.65
ue West***	Savannah	.63	.32				T	T.	.02	1.39			.01	T.	.09							T.	.30			.57					T.	.05	.27	2.75
dgefield	Savannah	1.20								.25	.85																					.45	3.58
aston Shoals	Broad	.16	.88						.28	.64	.80				.11								.08			.61						.02		3.89
reenville ***	Saluda	1.10	.18				T.	.02	.28	1.36		T.	.02	.02	.03								.06			.47					T	.01	.34	4.86
reenwood	do		1.02	.40						.04	.51	.62				.12							.21		.03	.82						.09	3.69
lenth Springs	Wateree	.30	1.30							.77					.07							.23			.88						.04	.10	4.18
ogback Mountain	Broad	.40	.50					.35	.50	1.37				.25									.45		.12							.24	3.97
ershaw	Lynches	.25	1.43								1.00					.07							.21			.99					.02		2.87
ake Irmo	Broad	.31	.24						.56	1.52															.24							.26	3.66
aurens	Saluda	51	.58				T.			1.16	.02		T.		.13							.16			.84								
ittle Mountain	Saluda	.56	.90					T.	T.	1.25	1.03												.12		.73						.09	.15	4.83
ockhart	Broad	1.50	1.10	.20							.90	.30											.25			.65							4.90
ewberry	Saluda	.50	.80							T.	1.28			T		.15						.15	.04		.69							.46	4.07
elzer	do	.48	.70	.02			T.			.18	1.10	.20			.04	.04						.01	.19		.02	.52					.06		3.48
nlnda	do	.44	.87				T.			.05	1.26	.02			.03	.10							.23		.46						.90	.18	3.85
antuck	Broad	.26	.66				T				1.20	.02			T.	.13						T.	.31		.93						.04	.30	3.85
partanburg	do	.50	.70					1.50	.20	1.10	.30					.10							.10			1.00						.30	5.80
renton	Edisto	.23	1.00				T.			1.10			1.06		T.							T.			.73		T				.35	.45	5.02
Valhalla	Savannah	.52	.55				.02	.06	.40	1.25				T.	.07	.13						.19			.53					T.	.03	.73	4.48
Vimsboro	Broad	*	*	1.36						.24	.79			T.	.05								.18		.05	.71						.06		3.44
Vinthrop College	Catawba	.40	.40							1.75					.28										.40							.30	3.53

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. |||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MARCH.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	51.4	82	23	1.85	7				
1888	52.1	80	19	6.71	9				sw.
1889	51.6	77	20	3.41	7				w.
1890	52.5	85	11	2.96					sw.
1891	50.0	78	20	7.88					ne.
1892	52.8	78	23	3.78					nw.
1893	53.9	85	18	2.22	9	13	9	9	sw.
1894	59.3	90	15	2.08	7	15	11	5	sw.
1895	53.5	90	24	5.71	11	12	8	11	sw.
1896	53.1	93	19	2.12	5	14	10	7	sw.
1897	56.4	92	21	4.54	12	7	9	15	sw.
1898	59.1	92	22	2.99	7	11	9	11	ne
1899	55.2	89	12	3.89	9	12	10	9	sw.
1900	51.6	79	22	4.22	9	12	8	11	sw.
1901	53.4	86	10	4.36	8	14	8	9	sw.
1902	54.0	86	19	4.08	10	14	7	10	sw.
1903	60.4	84	26	5.92	10	7	9	15	ne.
1904	56.2	87	23	3.42	9	13	9	9	ne.
1905	57.8	93	28	2.15	6	15	6	10	ne.
1906	51.6	82	18	5.34	10	13	6	12	w.
1907	62.0	99	20	1.57	5	15	10	6	sw.
1908	61.4	90	29	4.56	8	15	8	8	sw
1909	54.1	90	27	4.80	11	14	8	9	sw.
1910	59.4	93	22	1.38	4	21	6	4	sw.
1911	54.9	90	22	2.30	7	17	8	6	w.
1912	53.2	88	15	6.79	10	14	5	12	ne.
1913	56.9	88	22	7.40	10	13	5	13	w.
1914	50.2	91	12	2.59	8	14	9	8	w.
1915	46.3	81	22	2.66	7	15	8	8	nw.
1916	53.7	87	15	2.14	5	19	8	4	sw.
1917	55.0	88	14	5.39	11	14	6	11	sw.
1918	59.7	89	29	1.83	6	16	8	7	sw.
1919	56.5	82	27	2.86	7	17	7	7	ne.
1920	52.3	87	10	6.73	8	17	6	8	sw.
1921	62.5	91	28	2.28	6	16	7	8	sw.
1922	55.5	89	24	7.04	11	15	7	9	w
1923	56.2	88	17	5.14	9	15	6	10	sw.
1924	51.0	88	19	2.74	7	17	6	8	w.
1925	56.6	90	9	1.67	5	20	6	5	w.
1926	48.8	83	6	4.49	8	17	7	7	sw.
1927	55.2	89	16	3.79	8	13	6	12	sw.
Period	54.8	99	6	3.90	8	14	8	9	sw.

Daily Temperatures for March, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	49	50	52	56	61	66	73	72	64	60	70	76	72	72	77	81	81	80	79	82	79	66	61	61	74	78	65	70	69	71	75	69.1
	Minimum	40	35	32	29	29	49	53	55	52	46	56	50	59	53	56	55	57	56	58	65	68	49	49	38	48	56	48	45	58	60	61	50.5
Blackville	Maximum	45	39	50	56	60	67	74	74	65	54	68	75	80	76	77	82	86	87	88	77	82	66	60	50	60	72	73	69	70	68	73	68.5
	Minimum	38	30	27	25	26	38	48	60	50	41	41	50	51	58	53	54	54	59	59	56	66	57	46	43	33	40	52	43	40	49	55	46.5
Charleston	Maximum	54	43	49	52	56	67	76	70	62	52	64	68	69	74	67	70	72	79	80	79	77	69	59	56	60	71	73	66	65	69	76	65.9
	Minimum	43	35	32	33	36	52	56	59	50	46	49	56	59	59	57	56	57	61	63	64	68	56	50	43	40	48	56	48	54	60	62	51.9
Cheraw§§	Maximum	40	38	45	53	63	68	68	69	54	52	68	73	78	79	72	82	83	85	87	87	82	62	59	42	65	72	65	67	62	65	67	66.2
	Minimum	33	28	24	18	19	39	45	55	44	38	40	46	46	53	41	43	48	53	55	55	65	60	40	39	32	39	43	39	37	47	55	42.5
Conway	Maximum	48	39	48	55	62	68	77	77	68	51	71	74	76	74	74	79	81	85	85	84	81	72	66	57	62	73	70	68	65	70	72	68.8
	Minimum	31	30	30	26	22	35	50	61	43	40	43	50	51	60	50	44	50	58	56	56	63	56	44	41	35	40	52	42	39	48	55	45.2
Darlington§§§	Maximum	37	37	47	54	63	68	71	72	56	50	72	78	76	76	75	82	84	85	86	85	83	68	62	43	65	74	68	66	66	63	69	67.1
	Minimum	31	29	28	25	21	30	48	55	44	40	40	48	50	55	45	44	49	56	58	57	64	62	43	40	33	43	48	41	37	44	53	43.9
Ferguson§§	Maximum																																
	Minimum	39	32	31	29	25	34	35	59	43	42	42	52	55	56	51	48	53	55	55	54	48	63	48	46	37	38	41	42	39	54	54	45.2
Florence I	Maximum	35	36	48	55	61	69	70	76	74	51	69	78	75	80	76	75	74	61	68	70	64	61	59	60	58	70	71	70	68	61	68	64.9
	Minimum	31	29	29	26	25	48	54	59	47	43	40	50	56	59	50	49	48	46	47	49	47	46	45	42	34	36	40	41	39	45	50	43.6
Garnett	Maximum	50	42	53	57	67	67	78	77	68	57	66	74	79	74	80	82	85	87	86	87	85	77	68	65	66	78	78	74	76	75	81	72.2
	Minimum	38	34	27	24	24	43	48	58	48	45	44	54	55	56	49	57	52	57	51	55	65	56	43	50	34	38	55	47	40	55	60	47.3
Georgetown	Maximum	68	49	51	52	61	59	79	78	76	53	62	70	76	78	75	76	81	85	85	81	84	74	81	56	65	70	74	62	69	70	73	70.1
	Minimum	34	30	27	24	22	35	53	58	42	40	41	49	54	55	50	43	48	55	58	55	65	55	55	41	33	40	51	40	38	52	56	45.1
Kingstree	Maximum	48	38	47	52	63	61	76	75	70	50	70	73	75	73	75	80	83	84	86	85	82	78	66	60	63	74	70	67	69	70	71	68.9
	Minimum	34	32	30	26	24	38	51	61	43	42	46	52	56	56	52	45	54	55	57	55	65	58	46	42	35	41	55	44	40	52	56	46.5
Orangeburg 1	Maximum	50	39	50	55	64	63	75	72	65	51	67	75	77	74	76	79	85	86	86	87	82	78	64	60	63	73	72	67	69	66	71	69.1
	Minimum	35	31	29	27	26	40	50	57	42	43	47	53	55	55	52	53	53	57	57	56	67	60	47	43	36	40	54	44	40	52	....	[a]45.2
Society Hill§§§	Maximum	37	37	46	53	62	67	76	71	46	51	70	76	77	....	72	80	82	85	85	85	81	63	60	43	64	73	66	65	63	63	67	[a]65.5
	Minimum	31	29	27	23	22	23	50	50	44	40	40	44	49	52	46	39	45	51	57	58	59	62	43	41	33	33	45	40	38	38	49	42.0
Summerville	Maximum	52	40	51	54	60	64	74	75	70	50	68	68	71	71	75	78	81	83	82	82	79	77	64	59	63	73	72	68	67	64	70	67.9
	Minimum	36	32	29	25	27	41	51	58	45	43	36	52	55	55	52	49	53	55	57	56	65	67	48	46	30	36	54	45	40	54	57	46.7
Wedgefield	Maximum	54	42	50	55	62	65	74	73	62	50	77	76	78	73	75	80	83	83	85	85	83	80	74	60	63	72	68	66	69	62	68	69.3
	Minimum	33	31	28	28	29	41	54	60	42	42	47	40	53	57	52	52	53	62	62	68	60	56	45	45	34	45	53	42	42	52	58	47.3
Yemassee	Maximum	53	42	52	56	63	66	78	75	69	53	67	73	78	75	77	80	83	84	85	85	83	79	65	62	65	74	77	72	73	70	79	70.7
	Minimum	38	33	27	24	24	40	52	57	47	44	47	53	52	56	49	55	53	55	55	55	65	59	46	47	33	39	54	45	40	54	59	47.0
Western Portion.																																	
Aiken	Maximum	54	40	53	58	64	66	74	70	64	53	66	72	77	76	76	79	82	84	85	83	79	79	59	57	62	73	71	67	68	65	70	68.6
	Minimum	34	30	24	29	33	45	54	58	42	42	48	53	56	60	51	56	56	61	59	60	58	54	45	39	32	42	54	42	49	53	51	47.4
Anderson	Maximum	45	43	53	57	61	65	67	64	53	57	62	72	72	76	75	73	79	82	80	81	74	63	55	46	63	70	69	66	59	65	69	65.0
	Minimum	30	29	22	25	32	42	53	52	40	41	49	53	56	57	47	57	57	58	68	56	62	46	40	33	33	40	42	39	42	46	43	44.8
Caesar's Head	Maximum	26	31	39	48	52	61	55	55	35	49	55	57	56	60	64	66	69	73	75	74	62	52	46	37	44	60	56	56	46	57	60	54.4
	Minimum	23	22	19	20	23	35	45	46	32	33	35	43	45	48	44	46	51	54	56	55	56	33	31	30	29	36	33	34	34	38	42	37.8
Calhoun Falls§§§	Maximum	35	34	40	43	56	67	70	62	49	57	66	74	72	78	74	75	82	85	85	85	75	62	56	45	64	72	71	69	64	68	69	64.6
	Minimum	34	29	24	24	25	29	43	56	42	42	43	50	54	59	49	49	56	56	61	58	60	50	41	38	31	32	45	41	43	46	50	43.9
Camden§§§	Maximum	42	40	48	50	60	70	72	69	50	57	68	74	76	76	77	79	84	88	84	89	85	69	60	50	65	70	68	70	69	65	79	67.8
	Minimum	32	29	27	28	26	28	40	50	42	38	42	47	50	54	45	49	50	55	58	60	63	55	44	41	33	33	45	40	37	38	51	42.9
Chester	Maximum																																
	Minimum																																
Clemson College	Maximum	47	42	50	54	59	66	65	65	57	57	63	66	71	75	79	79	78	81	80	81	79	68	59	53	62	71	....	66	60	63	66	[a]65.4
	Minimum	30	30	20	20	23	41	45	55	40	42	48	55	56	57	40	45	49	53	54	50	63	46	42	32	29	40	....	40	34	45	47	[a]42.4
Columbia	Maximum	40	41	49	57	61	65	73	68	55	51	66	74	75	76	76	78	81	82	84	84	77	66	58	47	64	72	67	66	64	64	68	66.1
	Minimum	32	30	28	27	32	46	54	55	41	43	49	54	58	60	51	56	58	64	63	61	64	52	45	36	35	47	50	43	44	51	59	48.0
Due West	Maximum	41	42	49	55	60	65	69	64	50	55	61	69	72	73	70	73	79	81	80	81	73	60	52	42	61	70	64	64	60	65	68	63.5
	Minimum	30	29	23	26	33	46	53	49	40	41	49	54	59	55	48	52	55	60	59	57	60	50	40	33	32	42	45	40	44	47	53	45.3
Greenville	Maximum	40	40	48	52	58	64	65	63	51	56	60	67	71	75	70	70	76	79	80	79	71	61	52	42	61	68	64	63	55	62	65	62.2
	Minimum	28	29	27	29	35	45	49	51	38	40	49	54	58	57	46	53	56	60	62	59	60	46	39	33	32	45	44	39	42	46	52	45.3
Greenwood	Maximum	54	35	43	49	55	61	64	70	64	45	57	64	72	74	75	74	75	80	81	81	83	74	63	53	42	72	70	67	66	64	65	63.9
	Minimum	31	29	25	26	28	34	53	55	41	40	41	49	54	58	46	49	53	56	59	64	51	51	40	38	32	38	45	39	40	43	48	43.7
Heath Springs	Maximum	38	37	50	50	59	61	66	65	51	48	58	71	72	71	74	75	77	81	81	77	75	65	56	40	58	69	63	61	58	59	63	62.2
	Minimum	29	27	22	30	32	44	53	50	39	39	44	50	53	45	47	48	55	58	59	59	65	56	40	34	32	43	43	40	39	47	53	44.4
Hogback Mountain	Maximum	33	27	31	46	51	61	57	52	44	46	53	52	60	59	60	64	69	72	75	73	66	57	50	39	52	60	53	56	50	58	56	54.3
	Minimum	22	21	18	20	34	42	42	43	31	33	40	47	47	48	41	47	53	55	58	58	57	33	29	28	30	31	32	32	34	41	49	38.6
Kershaw	Maximum	39	38	45	53	62	64	70	66	52	52	68	74	75	76	72	78	81	84	84	84	78	65	58	49	61	71	65	64	61	63	66	65.1
	Minimum	30	27	21	24	41	43	52	51	40	40	41	50	50	57	43	49	53	58	60	59	64	53	41	34	33	44	45	41	39	49	54	44.9
Landrum	Maximum	46	42	42	55	59	68	61	61	55	55	60	63	69	71	70	73	78	80	82	82	76	64	52	47	62	68	63	69	55	65	76	63.0
	Minimum	28	28	24	30	24	41	42	53	37	40	49	53	55	57	41	43	51	56	58	58	64	42	39	32	40	38	42	39	38	46	48	43.1
Laurens	Maximum	46	42	46	57	63	67	71	69	54	56	61	72	75	78	73	77	81	85	83	84	76	67	56	49	67	72	68	67	61	66	68	66.4
	Minimum	31	29	22	25	23	44	51	54	41	41	49	54	58	58	46	47	57	56	58	56	64	53	40	33	31	42	42	40	43	48	49	44.7
Little Mountain	Maximum																																
	Minimum	29	27	24	25	36	44	52	55	38	39	46	51	53	55	46	54	56	59	58	59	65	53	40	34	31	43	45	43	38	39	52	44.8
Newberry	Maximum	42	42	49	56	62	66	73	66	51	54	63	74	77	76	74	79	81	83	84	83	77	64	56	47	62	71	67	65	64	66	70	65.9
	Minimum	31	29	27	24	26	42	53	50	41	42	49	53	58	59	46	54	53	60	60	59	63	54	40	34	31	44	45	39	40	49	53	45.4
Saluda	Maximum	51	43	50	56	57	61	69	69	61	53	64	68	72	75	75	77	78	77	79	78	78	70	60	55	60	68	68	60	60	66	69	65.5
	Minimum	33	30	25	23	24	39	54	59	41	42	47	52	58	58	46	50	51	62	62	58	66	54	42	36	32	45	40	38	40	46	54	45.4
Santuck	Maximum	46	41	46	57	61	66	70	67	57	53	63	72	75	78	72	75	79	83	82	83	75	68	54	48	62	70	65	65	60	64	67	65.3
	Minimum	31	29	21	19	21	40	51	57	40	40	48	48	57	58	38	44	48	53	55	53	65	54	39	33	27	45	37	39	34	48	49	42.6
Spartanburg	Maximum	40	40	45	50	58	65	66	62	49	57	60	70	79	71	72	73	75	80	81	80	72	63	54	40	52	70	68	63	65	68	70	62.7
	Minimum	30	28	16	18	22	25	41	50	40	40	42	49	55	50	48	45	49	54	57	50	52	46	40	29	39	40	40	38	46	45	40.8
Trenton	Maximum	54	41	52	60	65	64	76	66	54	60	65	74	78	76	80	78	83	85	84	84	76	68	58	50	67	73	74	70	68	64	69	68.3
	Minimum	33	29	27	29	34	45	34	53	41	41	49	54	58	58	49	50	56	61	60	59	65	53	45	37	34	45	52	41	43	50	56	46.3
Walhalla	Maximum	46	43	50	54	59	66	61	61	56	57	61	66	65	80	70	72	77	80	82	83	77	65	54	49	62	70	68	66	57	62	68	64.1
	Minimum	28	28	18	19	23	37	41	52	38	40	46	53	48	52	39	44	52	52	51	49	57	43	40	33	29	37	34	34	32	45	45	39.8
Winnsboro§§§	Maximum	33	39	46	55	62	64	70	65	44	52	65	74	76	76	72	76	80	83	83	83	76	63	56	41	61	70	64	64	61	63	68	64.0
	Minimum	31	28	25	24	33	34	49	56	42	40	41	47	53	58	46	46	56	57	59	60	60	56	41	40	32	38	46	39	39	45	49	44.2
Winthrop College	Maximum	45	41	46	55	60	67	67	65	56	54	66	72	75	76	72	75	79	82	88	82	76	70	55	50	60	70	65	65	59	64	65	65.2
	Minimum	30	27	21	22	30	43	49	55	39	39	45	51	54	57	44	52	46	58	56	57	65	54	36	31	29	44	40	45	33	46	52	43.5

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 4-27-27—900

WSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

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JUN 2 1927
UNIVERSITY OF ILLINOIS

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., APRIL, 1927. No. 4.

GENERAL SUMMARY.

The month was remarkably dry, and temperatures averaged somewhat above normal.

The growing season of 1927 opened with woods green and vegetation generally two weeks in advance of normal. Cotton, corn, and truck planting became active as the month progressed, and most of the cotton was planted toward the close, with germination rather slow incident to cold nights and insufficient moisture. Tobacco transplanting began during the early month, and healthy plants were plentiful, but soil conditions were rather unfavorable. Wheat, oats, and rye were in good condition generally and in head at the end of the month; wheat and oats began turning on rather short straw in spots, and there was considerable complaint of rust and smut, respectively. Strawberries reflected the dry weather, and sweet potato transplanting was retarded.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 08 inches. The highest pressure was 30.48 inches at Charlotte, N. C,, on the 15th, and in the Section proper, 30.45 inches at Greenville on the same date; the lowest pressure was 29.57 inches at Asheville and Charlotte, N. C., on the 30th, and in the Section proper, 29.59 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 63.2°, or 0.8° above the normal. The highest temperature was 95° at Garnett on the 18th and at Georgetown on the 29th. The warm periods were from the 1st to 7th, 13th to 21st, and 27th to 30th, inclusive. The lowest temperature was 29° at Caesar's Head, Hogback Mountain, and Landrum on the 23d. The cold periods were from the 8th to 12th and 22d to 26th, inclusive. Late spring killing frosts were confined to the northern edge of the Section on the 11th and as late as 24th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 78%; noon, 57%; 8 p. m., 66%. The highest percentages occurred along the coast and in the lower Savannah drainage basin, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 54 stations reporting, was 1.58 inches, or 1.41 inches below the normal. Precipitation ranged generally below normal, the monthly totals in the major portion of the Section being below 2 inches, with one-half inch or less in small areas of the coastal plain. There were four irregularly defined periods of rain in the eastern and six in the western portion. The greatest local monthly amount was 4.60 inches at Caesar's Head; least local monthly amount, 0.20 inch at Rimini. The greatest amount during any 24 hours was 3.25 inches at Caesar's Head on 21st-22d. The number of rainy days was 14% below normal.

Damage by Lightning, Wind, and Hail.—A series of freakish thunderstorms, with heavy hail and rather violent wind squalls, traversed sections of Anderson, southern Greenville, Greenwood, Laurens, eastern Richland, and Darlington Counties during the late afternoon of the 1st; the various short paths were from one-half to 10 miles in width, and hailstones ranged in size from small marbles to hen eggs; the aggregate damage approximated $42.000. A thunderstorm with heavy winds in the vicinity of Sumter on the 5th damaged dwellings, plate glass, and barns to the extent of about $5,000. On the 19th, a barn was fired by lightning in the vicinity of West Union, the resulting damage approximating $2,000. On the 30th, a heavy wind squall from a thunderstorm damaged a dwelling and two large stock barns at Fairwold, about 6 miles northeast of Columbia, to the extent of about $5,000.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 8.7 miles. The highest average velocity was 12.2 miles per hour at Savannah, Ga., and in the Section proper, 10.0 miles per hour Greenville; the lowest average velocity was 5.2 miles per hour at Charlotte, N.C., and in the Section proper, 7.3 miles per hour at Columbia. The highest velocity for any 5-minute period was 46 miles per hour from the west at Savannah, Ga , on the 30th, and in the Section proper, 39 miles per hour from the west at Due West and from the southwest at Greenville on the 2d, and from the west at Columbia on the 30th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 255.8 hours, or 65% of the possible amount. The average number of clear days was 14; partly cloudy, 8, and cloudy, 8, as against normals of 15, 8, and 7 days, respectively.

RIVER CONDITIONS.

On account of prolonged dry weather, all rivers of the Section were relatively low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Killing Frosts or Freezing Temperatures, Number of Stations.—11th, 1; 23d. 3; 24th, 2.

Hail, Light.—Due West, 1, 30; Little Mountain, 1; Newberry 1.

MISCELLANEOUS DATA FOR APRIL, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.05	57.2	84	31	1.61	0.69	9.6	se.	77	48	59	53
Augusta, Ga.....	30.07	66.4	90	42	1.20	0.54	6.2	s.	82	59	66	76
Charleston, S. C...	30.08	66.3	90	44	0.63	0.29	9.8	sw.	79	80	79	72
Charlotte, N. C....	30.07	61.4	89	36	3.04	0.99	5.2	sw.	75	53	60	65
Columbia, S. C....	30.08	64.3	89	39	1.55	0.55	7.3	ne.	78	45	56	67
Due West, S. C....	30.10	62.4	88	36	1.64	0.87	9.6	sw.	78	50	...	59
Greenville, S. C...	30.06	61.8	86	36	2.85	1.07	10.0	ne.	74	58	62	59
Savannah, Ga.....	30.08	68.4	90	44	1.69	1.00	12.2	s.	76	54	69	71
Wilmington, N. C.	30.09	61.4	85	38	0.19	0.12	8.7	sw.	84	63	77	66
Means and extremes	30.08	63.8	90	31	1.60	1.07	8.7	sw.	78	57	66	65

Climatological Data for April, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort (near)‡‡	Beaufort	21	46	67.5	+2.3	91	29	42	†23	36	1.03	−1.33	0.45	0	4	21	4	5	s	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	66.0	+1.6	92	18	39	24	36	0.80	−2 44	0.25	0	4	21	4	5	.....	Mrs D. B. Sanders
Charleston	Charleston	48	56	66.3	+1.8	90	29	44	23	27	0.63	−2.36	0.29	0	3	12	11	7	sw.	U. S. Weather Bureau
Cheraw	Chesterfield	144	45	62.6	+0.9	92	†17	32	11	50	1.79	−1.26	0.72	0	5	....	...	....	.....	Roland D. Powe.
Conway	Horry	25	37	63.6	+0.8	93	29	35	†12	48	0.43	−2.69	0.22	0	5	19	2	9	sw.	Paul Quattlebaum
Darlington	Darlington	175	32	[b]62.8	+0.6	[b]92	29	[a]35	†12	[b]51	0.65	−2.59	0.55	0	5	16	3	11	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	0.62	−2.76	0.18	0	4	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	.....	.....	92	30	36	† 9	38	0.86	−2.10	0.66	0	4	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	45	63.6	+0.8	93	29	37	24	50	0.96	−1.97	0.63	0	5	16	6	8	ne.	H. K. Gilbert.
Florence 2	.....do	136	12	.....	.....	.....	.....	.....	.....	.....	0.53	−2.40	0.32	0	4	17	5	8	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	67.4	.....	95	18	34	24	53	2.11	.....	0.79	0	7	13	14	3	.....	Maner B. Robert.
Georgetown	Georgetown	18	34	65.7	+2.0	95	29	36	24	48	1.53	−1.77	0.75	0	5	17	9	4	.....	A. P. Hazard.
Kingstree	Williamsburg	54	45	64.4	+1.0	93	29	37	†23	50	0.87	−1.93	0.60	0	4	22	0	8	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	0.55	... .	0.25	0	4	.....	.....	.	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	11	[a]66.2	+1.6	[a]91	29	37	24	[a]38	0.53	−1.78	0.26	0	5	15	8	7	sw.	U.S. Fisheries Station
Pinopolis	Berkeley	54	80	62.8	+0.6	89	29	39	23	.....	0.70	−2.31	0.30	0	3	17	11	2	sw	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	0.20	−2.85	0.10	0	2	....	....	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	[a]61.0	−0.7	90	29	[a]34	†11	[a]38	2.31	−1.15	1.08	0	6	20	2	8	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	[b]65.0	+1.2	[b]92	29	[b]36	24	[b]48	0.50	−2.95	0.30	0	2	....	..	....	.....	Dr. William Simons.
Wedgefield	Sumter	249	37	66.0	+3.4	93	29	39	†11	41	1.10	−1.99	0.50	0	3	22	4	4	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	66.6	+2.5	91	29	33	24	51	0.72	−2.17	0.24	0	5	21	1	7	se.	W. C. Hutson.
Division means and	extremes	.....	....	64.8	+1.8	95	†18	32	11	53	0.93	−2.11	1.08	0	4	18	5	7	sw.	
Western Portion.																				
Aiken	Aiken	527	65	66.4	+3.1	90	†18	39	23	41	1.10	−2.10	0.64	0	3	21	3	6	ne.	Frank B. McCoy
Anderson	Anderson	764	34	62.4	+0.8	89	18	37	23	41	1.70	−1.79	0.70	0	6	17	1	12	e.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	1.32	−1.52	0.58	0	5	....	....	....	.....	Esther B. Owens
Cæsars Head‡‡	Greenville	3118	3	54.4	.....	81	29	29	23	29	4.60	.....	3.25	0	5	4	11	15	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	63.6	.....	91	18	37	†23	41	2.15	−1.42	0.72	0	6	10	11	9	e.	L. M. Parker.
Camden	Kershaw	222	77	64.4	+1.9	92	29	35	24	45	1.15	−1.96	0.35	0	6	....	....	....	.....	Henry A. Brown.
Catawba	York	562	21	.. ....	.....	.....	.....	.....	.....	.....	1.43	−1.80	0.82	0	6	....	....	....	.....	James C. Furis.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	1.33	−1.61	0.39	0	8	....	....	....	.....	George V. Chimp.
Chester	Chester	487	5	.....	.....	.....	.....	.....	.....	.....	2.89	.....	1.28	0	5	16	7	7	sw.	J. C. Cornwell.
Clemson College	Oconee	850	35	62.7	+2.8	88	18	33	24	45	3.82	−0.11	0.98	0	8	17	6	7	e.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	64.3	+1.0	89	29	39	23	32	1.55	−1.31	0.55	0	6	10	14	6	ne.	U S. Weather Bureau.
Creseent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	1.36	.....	0.70	0	7	...	...	....	....	Broad River Power Co.
Due West	Abbeville	711	13	62.5	+1.6	88	18	36	23	32	1.64	−0.59	0.87	0	8	9	10	11	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	1.95	−1.71	0.60	0	4	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	1.84	−1.79	0.81	0	6	....	....	....	.....	S. C. Lt., Power & Ry. Co
Greenville	Greenville	1039	43	61.8	+3.2	86	18	36	23	29	2.85	−0.80	1.07	0	10	10	8	12	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	64.5	+3.3	90	19	34	23	49	1.34	−1.63	0.40	0	7	15	0	15	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	60.8	+0.1	87	29	35	†11	37	2.48	−0.77	0.58	0	6	12	3	15	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	55.0	.....	82	29	29	23	33	1.82	.....	0.67	0	10	20	7	3	w.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	63.2	+0.5	89	29	36	†23	36	1.71	−1.91	0.62	0	8	17	0	13	e.	John W. Hunnel.
Landrum	Spartanburg	1063	12	61.4	+1.4	88	29	29	23	37	3.33	−1.66	1.20	0	6	18	3	9	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	63.8	.....	91	18	34	23	49	1 57	.....	0.74	0	6	16	8	6	w.	L. G. Roff.
Little Mountain	Newberry	711	34	62.3	+0.5	89	†17	35	23	39	1.47	−1.89	0.45	0	5	20	3	7	w	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	1.00	.....	0.38	0	4	..	...	...	.....	Broad River Power Co.
Newberry	Newberry	502	23	.....	.....	90	18	[c]30	23	.....	2.52	−0.66	1.07	0	7	16	6	8	w.	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	1.28	−2.74	0.52	0	7	....	....	....	.....	Joshua Y. Jones.
Salnda	Saluda	536	25	62.6	+0.2	84	18	34	23	45	1.96	−1.04	0.59	0	11	9	18	3	sw.	W. S. Crout.
Santuck	Union	512	34	[a]62.1	+1.6	90	29	[a]31	23	[a]51	1.77	−1.55	0.64	0	8	11	12	7	se.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	59.2	−1.1	87	†18	33	†11	43	0.90	−2.38	0.50	0	5	19	0	11	.....	M. H. Daniel.
Trenton	Edgefield	620	34	66.7	+3.8	93	18	39	23	41	1.65	−1.73	0.65	0	4	6	20	4	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	60.8	+2.0	89	28	30	23	49	3.44	−1.39	0.93	0	13	12	12	6	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	33	[f]61.7	+2.3	[e]89	29	[f]37	24	[f]35	2.13	−0.81	0.75	0	8	11	8	11	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	62.4	+1.5	89	29	35	23	43	2.67	−0.62	1.21	0	7	9	15	6	sw.	W. T. Clawson.
Division means and	extremes	.....	....	62.1	+1.0	93	18	29	23	51	1.99	−1.28	3.25	0	7	12	9	9	sw.	
Section means and	extremes	.....	....	63.2	+0.8	95	18	29	23	51	1.58	−1.41	3.25	0	6	14	8	8	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

March, 1927.—Greenwood, total precipitation, pages 10 and 11, should be 3.86.

Daily Precipitation for April, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort(near).	Coast									T.	.14					.03	.45						T.							T.	.41		1.03
Blackville ‖‖	Edisto					.25					.06						.25						.20	.10									0.80
Charleston ***	Coast	T				.28				T.	.41										.04		T								.29		0.63
Cheraw ‖‖	Pee Dee	T	.72			.06					.22				T.	T.							.21	.39									1.79
Conway ‖‖	Waccamaw	.04				.07																		.06									0.43
Darlington ‖‖	Pee Dee		.03			.21				T.													.06	.35									0.65
Dillingham ‖‖	Lynches	T.				.18				.11											.15			.18									0.62
Ferguson ‖‖	Santee	.05				.66						.05												.10									0.86
Florence 1 ‖‖	Pee Dee	.10	.52			.12																	.04	.18									0.96
Florence 2 ‖‖	do	.02				.15		.04																.32									0.53
Garnett	Savannah	T.				.21				.20	.32					.37	.04						.18								.79		2.11
Georgetown	Coast					.75													.25	.10			.28								.15		1.53
Kingstree ‖‖	Black	.05				.60				T.	.12										.10			.12									0.87
Mars Bluff	Pee Dee					.13				T.	T.	.07					.02				.05		.26	.25									0.55
Orangeburg	Edisto					.07				T.	T.	.07											.26	.11									0.53
Pinopolis	Cooper					.30					.10													.30									0.70
Pimini ‖‖	Santee						.10																.10										0.20
Society Hill ‖‖	Pee Dee	.04	.38				1.08				.15	.04												.62								.20		2.31
Summerville	Ashley										.20												.15								.45		0.50
Tedgefield	Wateree						.50																	.07						.23			1.10
Tenassee ‖‖	Ashepoo						.24			.02							.16							.07									0.72
Western Portion.																																	
Aiken	Edisto						.23																.64								.22		1.10
Anderson	Savannah	.34				.07				.07	.07												.45								.70		1.70
Blairs ‖‖	Broad	.22	.21				.25																.58	.06									1.32
Cesar's Head	Saluda								.38								.13				.16		3.25								.68		4.60
Calhoun Falls ‖‖	Savannah	.47	.16				.47			T.		.22	T.								.11		.72							T.			2.15
Camden ‖‖	Wateree	.10	.30				.35										.15						.18	.07									1.15
Catawba ‖‖	Catawba	.25					.19			.05								.12					.62	.20									1.43
Chappells ‖‖	Saluda	.23	.12				.39			.01		.11					.08						.32								.07		1.33
Chester	Broad	.14		.10			.20			.31							.18						.92										2.89
Clemson College	Savannah	.33				.13				.06	.12											.93	.98	.59							1.28		3.82
Columbia ***	Congaree	.06				.52				T.	.02						.05						.55						T		.68		1.55
Crescent	Enoree		.11			.05			.06							.01			.10				.32								.70		1.36
Dane West ***	Savannah	.15				.13				.02	.01		.07				T.			T.	T.	.19	.20						T.		.87		1.64
Edgefield ‖‖	Savannah	.60				.45																	.45								.45		1.95
Easton Shoals ‖‖	Broad	.34								.06							.24	.09		.30			.81										1.84
Greenville ***	Saluda	.01				.09	.01		T.	.06	T.		.01				.33		T.		.31	.86	.10						T.		1.07		2.85
Greenwood ‖‖	do	.22	.11				.36			.03		.06											.40								.16		1.34
Heath Springs	Wateree	.46				.33					.08								.50				.53								.58		2.48
Hogback Mountain	Broad					.04			.01	.15			.01				.19	.08		.11		.35	.67								.21		1.82
Kershaw ‖‖	Lynches	.11	.32				.29			.01	.09							.09		.18			.62										1.71
Lanham	Broad																.11	.15		1.20		.83	.53								.51		3.33
Laurens	Saluda	.74				.25			.02	.03	T.																		.12		.41		1.57
Little Mountain	Saluda	.04				.45											.06						.50	T.							.42		1.47
Lockhart	Broad	.20	.27				.38											.15					.62						T.		1.07		1.00
Newberry	Saluda	.35	.02			.26				T.	.02			T.			.17	T.				T.	.26								.28		2.52
Pelzer ‖‖	do	.46	.06				.06			.04		.02	T.				.07		.06				.59								.08	.40		1.28
Saluda	do	.01	.04			.31	.38			.01	.01																						1.96
Santuck	Broad	T				T.	.20		.01	.07	.08						.18		.05				.64								.51		1.77
Spartanburg ‖‖	do						.05										.20		.10			.05	.50										0.90
Trenton	Edisto		T.			.65				T.	T.		T.				.05														.45		1.65
Valhalla	Savannah	.23				.19				.25	.22		.05	.03			.04	.05		.10	.05	.70	.93								.60		3.44
Winnsboro ‖‖	Broad		.16					.31			.03		.10						.05					.75	.11						.63		2.13
Winthrop College	Catawba	.40					.25			.07	.06						.18						1.21								.50		2.67

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR APRIL.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	62.3	94	28	2.09	5				
1888	64.6	95	31	1.33	4				sw.
1889	62.4	93	30	2.01	6				ne.
1890	62.8	91	31	2.02	6				sw.
1891	63.2	92	26	1.66					sw.
1892	62.8	88	29	1.13					nw.
1893	66.7	94	34	1.30	5	15	10	5	sw.
1894	62.6	95	30	2.01	6	15	10	5	sw.
1895	61.4	94	28	5.55	10	12	9	9	sw.
1896	66.9	98	30	1.31	4	14	11	5	sw.
1897	62.2	95	31	3.24	9	16	6	8	sw.
1898	58.0	92	26	5.05	8	16	7	7	sw.
1899	60.0	91	27	3.02	7	12	9	9	n.
1900	62.4	90	24	5.41	9	12	9	9	ne
1901	56.0	89	30	5.03	7	15	6	9	nw.
1902	60.4	91	24	2.18	7	15	9	6	w.
1903	60.4	88	26	2.95	8	14	9	7	w.
1904	59.2	89	21	1.34	6	14	8	8	sw.
1905	62.8	92	25	3.83	9	15	8	7	sw.
1906	65.1	93	28	1.39	4	20	6	4	sw.
1907	56.4	89	20	4.40	10	10	13	7	sw.
1908	66.6	95	31	4.75	9	11	10	9	sw.
1909	63.9	96	30	2.95	7	14	9	7	sw.
1910	63.4	95	32	1.71	5	15	10	5	sw.
1911	61.6	91	30	2.95	8	12	9	9	ne.
1912	64.3	91	32	4.24	9	14	5	11	sw.
1913	61.2	90	30	2.00	6	20	4	6	sw.
1914	63.7	98	30	2.86	7	14	10	6	w.
1915	63.1	96	25	1.47	4	20	6	4	w.
1916	61.6	93	24	1.79	5	18	8	4	w
1917	64.9	96	28	3.34	7	20	6	4	sw.
1918	61.0	92	32	5.82	11	11	9	10	sw.
1919	62.4	92	24	2.10	5	20	5	5	s.
1920	61.4	94	26	5.13	10	13	6	11	sw.
1921	63.3	91	27	2.43	6	16	8	6	s.
1922	64.5	95	33	5.11	8	14	7	9	sw.
1923	61.5	94	18	3.48	9	15	7	8	w.
1924	61.6	91	24	5.90	10	15	5	10	w.
1925	65.9	99	25	2.12	6	18	6	6	s.
1926	60.3	94	26	2.43	6	18	6	6	sw.
1927	63.2	95	29	1.58	6	14	8	8	sw.
Period	62.4	99	18	2.99	7	15	8	7	sw.

Daily Temperatures for April, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	83	84	75	75	80	87	81	83	78	73	70	73	78	81	67	78	84	86	81	82	81	71	65	71	73	75	84	80	91	84	....	78.6
	Minimum	62	66	48	52	62	64	58	57	54	49	49	45	58	58	54	61	65	64	64	61	62	55	42	42	45	48	56	64	64	62	....	56.4
Blackville	Maximum	68	86	73	85	89	81	84	73	64	70	79	83	80	75	75	80	89	92	82	90	85	67	60	67	68	70	86	89	90	82	....	78.7
	Minimum	63	50	43	50	55	57	53	55	47	46	45	53	55	56	55	56	62	65	62	50	60	58	39	39	45	48	50	61	61	60	....	53.3
Charleston	Maximum	75	86	63	74	77	80	74	69	78	55	64	65	76	78	69	72	83	74	75	79	78	75	63	66	66	71	84	74	90	79	....	73.7
	Minimum	61	62	53	63	65	65	62	57	53	48	49	52	61	59	57	65	66	67	68	65	67	50	44	51	51	51	57	65	67	63	....	58.9
Cheraw§§	Maximum	83	80	72	82	85	78	82	62	48	52	68	72	83	60	65	81	92	83	82	88	85	60	65	62	68	78	88	84	92	88	....	75.6
	Minimum	59	61	40	48	50	57	45	47	38	38	32	34	56	52	48	52	62	63	58	59	60	55	35	36	37	38	46	58	65	60	..	49.6
Conway	Maximum	85	85	75	76	80	79	82	75	57	52	65	72	82	74	65	77	89	82	82	85	84	76	64	70	65	76	87	81	93	87	....	76.7
	Minimum	64	66	44	46	56	61	54	49	45	41	36	35	52	54	46	50	55	62	56	57	58	49	42	35	41	39	50	57	57	62	....	50.6
Darlington§§	Maximum	84	84	72	82	85	79	84	61	50	48	....	72	82	64	66	82	90	82	80	87	86	52	64	66	68	76	87	....	92	87	....	[b]75.4
	Minimum	60	67	43	49	52	51	47	49	42	40	36	35	56	54	50	50	60	63	57	59	61	52	35	35	40	38	50	60	....	63	....	[b]50.1
Ferguson§§	Maximum	....	....	....	....	....	....	....	....	....	....	64	....	....	....	....	....	....	....	79	86	84	....	....	....	65	74	84	85	92	....	....	.....
	Minimum	63	67	61	63	62	58	50	53	36	36	42	40	49	52	53	53	58	64	61	55	58	58	38	36	39	36	48	55	58	57	....	52.0
Florence 1	Maximum	84	85	80	82	86	80	74	61	52	50	59	71	80	70	70	64	80	89	79	78	88	64	64	62	67	80	89	80	93	91	....	75.1
	Minimum	61	65	45	49	54	54	48	50	43	42	35	38	56	59	50	53	63	64	59	60	62	64	38	37	41	39	49	59	59	63	....	52.1
Garnett	Maximum	87	87	76	85	90	85	86	79	78	70	73	78	82	85	73	81	89	95	86	88	78	73	64	74	70	80	89	92	90	84	....	81.6
	Minimum	60	67	44	50	56	58	53	39	56	49	49	43	50	53	53	61	60	62	60	58	58	54	41	34	42	36	45	60	59	54	....	53.1
Georgetown	Maximum	84	86	80	70	89	85	85	85	72	55	69	75	82	81	68	81	92	92	82	86	87	86	67	71	66	66	89	80	95	90	....	79.9
	Minimum	61	63	43	50	60	57	48	54	47	41	32	57	50	62	50	52	58	60	57	52	58	50	38	36	42	38	50	57	59	62	....	51.5
Kingstree	Maximum	84	85	73	80	81	76	82	75	62	53	66	74	82	75	66	80	87	82	76	85	83	78	61	70	64	77	88	83	93	85	....	76.9
	Minimum	63	67	44	51	60	59	50	52	47	43	38	38	51	56	50	53	57	63	62	57	60	50	37	37	43	38	49	59	60	60	....	51.8
Orangeburg 1	Maximum	87	83	79	84	88	85	82	80	70	63	67	76	83	79	74	82	88	88	82	89	87	72	62	67	64	77	86	87	91	....	....	[a]79.4
	Minimum	63	66	44	50	59	60	52	54	49	46	43	44	50	53	56	60	63	60	60	58	61	54	39	37	44	38	49	60	57	61	....	53.0
Society Hill§§	Maximum	83	82	70	80	84	77	81	56	49	48	62	71	81	60	65	84	88	85	81	83	83	67	60	64	59	75	87	79	90	84	....	73.9
	Minimum	40	64	53	49	49	52	46	47	41	40	34	34	36	59	50	51	52	64	58	63	53	61	35	35	39	37	38	....	55	59	....	[a]48.1
Summerville	Maximum	82	84	77	75	...	82	82	76	75	....	68	71	75	76	70	79	84	85	76	81	79	74	64	68	65	78	87	79	92	86	....	[b]77.5
	Minimum	61	67	46	50	....	60	53	56	...	46	42	41	51	55	54	57	60	61	61	58	59	54	38	36	42	39	49	59	59	60	....	[b]52.6
Wedgefield	Maximum	83	82	78	82	85	79	80	75	70	55	67	73	82	75	70	72	88	88	83	85	85	78	73	68	64	75	80	84	93	84	....	77.9
	Minimum	63	67	45	52	57	61	52	58	44	43	39	46	56	56	52	65	63	63	63	61	63	51	39	40	43	39	52	62	62	62	....	54.0
Yemassee	Maximum	87	85	82	80	85	84	85	77	78	73	71	75	81	83	72	80	89	89	82	88	84	72	64	73	69	79	86	88	91	84	....	80.5
	Minimum	61	64	44	50	57	59	53	57	55	49	46	41	51	53	52	57	61	62	59	56	57	65	38	33	40	35	49	61	61	57	....	52.8
Western Portion.																																	
Aiken	Maximum	84	83	74	83	86	83	81	78	65	63	68	75	82	79	73	76	88	90	86	86	85	80	59	66	67	70	84	85	90	86	....	78.5
	Minimum	62	63	46	52	60	57	56	49	47	49	44	49	54	57	55	58	57	64	64	61	62	51	39	42	48	52	52	60	59	59	....	54.3
Anderson	Maximum	71	65	75	79	71	76	82	68	60	54	69	68	79	67	79	75	85	89	85	86	81	68	59	63	68	74	84	88	88	78	....	74.3
	Minimum	59	46	41	48	48	51	50	50	41	44	45	40	54	56	51	58	61	64	63	52	52	40	37	40	42	47	54	60	60	60	....	50.5
Caesar's Head	Maximum	67	64	62	69	56	69	74	48	62	44	61	57	71	57	62	62	78	78	77	62	76	51	52	59	49	68	79	74	81	62	....	64.2
	Minimum	49	53	35	37	47	46	49	46	36	37	36	38	45	48	41	42	52	54	57	59	58	36	29	31	35	39	44	54	54	55	....	44.7
Calhoun Falls§§	Maximum	82	76	78	83	73	75	82	60	62	55	69	74	81	72	69	81	89	91	88	90	83	65	65	67	70	78	86	90	86	70	....	76.3
	Minimum	55	62	40	46	49	50	49	51	43	44	44	45	51	57	52	53	60	62	63	63	64	52	37	37	40	41	45	53	60	61	....	51.0
Camden§§	Maximum	84	80	80	82	83	85	82	66	52	74	70	71	81	71	79	82	86	90	88	88	80	58	65	70	70	78	89	88	92	82	....	78.2
	Minimum	60	60	55	49	48	49	51	51	41	40	38	40	46	55	52	54	62	60	63	59	60	58	36	35	46	36	44	56	55	58	....	50.6
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	77	77	70	79	79	76	79	69	60	60	68	67	79	76	70	75	85	88	85	86	79	65	59	60	67	75	85	86	87	84	....	75.1
	Minimum	58	60	39	43	49	49	45	43	41	44	45	50	54	54	51	56	60	58	66	61	60	50	34	33	39	40	52	58	58	58	....	50.3
Columbia	Maximum	84	80	72	82	85	75	82	65	53	49	66	72	81	69	67	78	88	87	81	86	83	68	60	64	63	75	86	83	89	80	....	75.1
	Minimum	64	52	46	51	57	59	53	47	44	43	42	48	56	55	55	58	65	65	64	63	64	47	39	39	45	43	54	65	63	59	....	53.5
Due West	Maximum	79	70	70	80	69	74	79	63	59	48	66	71	80	66	69	77	85	88	85	87	82	64	60	62	67	74	85	86	88	71	....	73.5
	Minimum	62	47	42	49	47	52	51	45	42	44	43	50	56	55	52	58	63	62	63	61	64	43	36	41	41	42	54	62	60	59	....	51.5
Greenville	Maximum	76	78	69	78	58	76	79	66	57	47	67	67	78	67	67	70	84	86	84	85	78	60	58	58	67	73	83	83	86	70	....	71.8
	Minimum	61	49	45	50	45	50	57	42	40	42	45	53	55	51	50	56	63	66	64	65	60	43	36	39	44	47	55	63	60	59	....	51.8
Greenwood	Maximum	69	81	72	71	80	76	75	81	56	59	50	69	72	80	67	72	78	87	90	86	88	83	64	61	64	70	75	84	88	88	....	7 9
	Minimum	56	63	40	50	48	49	49	54	42	43	42	45	52	58	52	52	59	62	62	61	64	49	34	36	39	44	51	60	59	59	....	51.1
Heath Springs	Maximum	73	75	65	76	74	72	78	51	45	46	65	65	74	56	65	75	85	81	77	81	81	62	58	58	62	71	83	77	87	80	....	70 0
	Minimum	62	63	42	58	48	56	51	48	39	39	35	42	56	48	51	56	62	63	61	61	62	47	35	38	40	46	53	59	59	64	....	51.5
Hogback Mountain	Maximum	65	63	59	68	63	69	69	63	47	54	60	58	72	61	61	61	78	76	73	78	68	61	52	51	58	67	79	74	82	74	....	65.7
	Minimum	54	50	35	45	46	46	50	36	34	33	40	45	50	44	40	49	57	59	57	60	57	34	29	33	34	45	52	55	61	54	....	46.1
Kershaw	Maximum	83	79	70	82	80	81	81	67	51	48	65	74	82	69	67	79	86	84	81	87	84	73	62	62	67	75	86	82	89	85	....	75.4
	Minimum	62	64	42	49	50	50	50	49	40	40	55	41	56	55	51	56	62	64	62	61	62	51	36	36	39	41	50	58	58	64	....	51.1
Landrum	Maximum	78	74	70	78	75	78	78	69	50	49	70	67	80	73	73	74	87	85	84	87	79	65	61	57	66	75	76	84	88	79	....	73.6
	Minimum	46	51	45	48	44	49	51	45	39	41	36	49	56	49	49	55	63	63	62	65	60	44	29	35	38	42	49	58	59	59	....	49.3
Laurens	Maximum	81	74	74	82	71	77	82	67	53	50	69	71	82	70	72	77	89	91	87	90	85	75	69	59	64	77	88	86	90	82	....	76.1
	Minimum	60	59	43	48	48	54	59	50	41	43	40	49	54	53	56	62	59	63	61	63	47	34	36	40	39	55	59	60	58	....	....	51.6
Little Mountain	Maximum	79	76	65	73	68	69	71	69	50	47	68	73	80	75	76	74	89	89	83	87	83	78	61	62	68	76	85	84	88	84	....	74.3
	Minimum	60	49	40	47	49	50	51	49	40	40	38	47	55	53	52	50	61	65	60	60	57	47	35	36	40	49	52	58	60	58	....	50.3
Newberry	Maximum	82	75	73	82	75	76	80	63	51	48	69	73	82	70	72	77	82	90	85	88	85	70	62	63	68	75	85	86	89	76	....	75.1
	Minimum	60	....	....	....	47	54	44	....	38	38	34	42	50	....	....	....	....	....	....	....	....	....	30	31	34	34	....	....	....	....	....	.....
Saluda	Maximum	82	82	68	79	65	72	79	78	54	53	68	71	78	78	69	74	69	87	81	80	80	80	62	55	63	74	83	78	84	84	....	73.7
	Minimum	61	65	40	49	50	60	48	53	44	45	39	45	56	50	54	57	65	58	64	61	64	49	34	35	38	38	51	55	60	61	....	51.6
Santuck	Maximum	79	75	72	81	72	76	81	65	51	50	68	.	72	72	71	73	88	86	88	88	84	76	62	59	68	76	87	83	90	82	....	[a]75.0
	Minimum	63	65	39	52	48	52	43	49	41	42	33	....	41	53	53	58	64	57	64	57	61	48	31	32	34	36	47	52	54	57	....	[a]49.2
Spartanburg	Maximum	77	68	70	78	65	78	72	66	60	55	68	67	78	70	70	73	86	87	85	87	80	60	61	65	68	76	85	84	87	80	....	73.5
	Minimum	57	58	44	44	48	38	38	41	38	41	33	41	47	45	41	50	52	54	57	55	53	38	33	35	36	34	47	47	51	52	....	44.9
Trenton	Maximum	83	90	77	85	87	77	84	74	74	59	71	76	83	76	72	78	89	93	88	89	86	74	64	64	67	78	86	90	91	90	....	79.8
	Minimum	62	65	41	52	55	59	54	44	45	45	44	50	56	59	55	59	65	60	65	63	60	51	39	40	45	45	53	61	58	59	....	53.6
Walhalla	Maximum	75	71	69	78	74	76	80	67	60	58	65	64	78	68	69	74	85	88	85	87	78	65	61	60	68	75	86	89	86	76	....	73.8
	Minimum	55	49	40	40	49	44	43	49	40	40	44	48	53	51	49	54	58	57	61	59	58	46	30	31	36	37	50	53	55	54	....	47.8
Winnsboro§§	Maximum	68	....	....	....	....	77	74	80	55	50	47	65	....	81	62	70	75	86	88	83	88	80	59	60	61	65	74	86	89	81	....	[c]72.1
	Minimum	....	57	....	....	....	....	57	51	50	41	41	38	45	....	56	52	53	60	61	62	60	63	52	37	38	40	43	51	60	63	....	[f]51.3
Winthrop College	Maximum	76	75	69	79	75	76	80	70	49	47	66	68	80	77	68	71	76	87	80	88	83	78	60	58	66	75	85	80	89	85	....	73.9
	Minimum	60	59	42	52	45	51	55	44	39	39	37	45	56	48	52	58	63	65	61	61	63	47	35	38	40	43	53	57	59	59	....	50.9

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., MAY, 1927. No. 5.

GENERAL SUMMARY.

Precipitation averaged decidedly below normal, and the bulk of the month's rainfall occurred toward the close of the month, when severe local storms were rather numerous. The temperatures averaged somewhat above normal.

Unsatisfactory crop development resulted from quite general drought, with scattered and insufficient rainfall, until the fairly abundant showers toward the close of the month, when all vegetation showed marked improvement. However, cotton stands were generally good; planting was practically completed during the first decade, and chopping, about June 1. Corn, field truck, and lesser crops developed relatively as cotton. Tobacco and sweet potato transplanting and growth were retarded by drought, which also materially affected tree fruits and strawberries. Winter cereal harvests proceeded after the middle of the month, with fair to good results generally.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 37 stations, was 71.4°, or 0.4° above the normal. The highest temperature was 103° at Garnett on the 31st. The warm periods were from the 3d to 11th, 19th to 26th, and 30th to 31st, inclusive. The lowest temperature was 36° at Santuck and Walhalla on the 17th. The cool periods were generally on the 1st and 2d, from the 12th to the 17th, and on the 28th and 29th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 74%; noon, 54%; 8 p. m., 63%. The highest percentages occurred over the coast counties, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 1.92 inches, or 1.61 inches below the normal. Showers were more or less scattered until toward the close of the month, when damaging storms were most numerous. Aside from several small areas in the western counties, most of the month's rainfall was below 3 inches, tapering off to less than one inch in several sections. The greatest local monthly amount was 4.40 inches at Blackville; least local monthly amount, 0.29 inch at Aiken. The greatest 24-hour amount at any station was 1.63 inches at Catawba on April 30-May 1. The number of rainy days averaged 50% below normal. Light hail: Chappells, 31st; Charleston, 25th; Due West, 29th; Hogback Mountain, 31st; Pinopolis, 4th; Society Hill and Wedgefield, 11th.

At 3 p. m. on the 21st, a small wind whirl or incipient tornado visited Calhoun Falls; its path was 60 to 80 feet wide for a short distance, and a store was unroofed, with other damage in a small area; loss estimated at about $1,000. An excessive rainfall of 1.10 inches occurred in 15 minutes on the 24th.

Deaths by Lightning —25th, Teddie Morue, a young negro, and the mule he was riding, afternoon, near Allendale. 31st, Mr. Claude W. Hammond, Oakhurst Section, near Kershaw, together with Fred James, negro tenant, and a mule, afternoon. 31st, Mr. Robert Lollis, planter, Brushy Creek Community, near Easley, afternoon, while sitting by a wire fence struck by lightning; two persons were injured.

Damage by Lightning, Hail, and Wind Squalls.—11th, in the Adams Pond and Horrell Hill Section, south and east of Columbia, early afternoon; hailstorms and wind squalls, with a path about 10 miles wide in places and about 10 miles long; some hailstones were about the size of walnuts; total damage, estimated at about $8,000. 11th, heavy hail at Orangeburg about 3:40 p. m.; nominal damage. 28th, a dwelling in North Columbia was fired by lightning and destroyed, afternoon, with a loss of about $3,000. 29th, near Williston, barn and contents, including several mules, fired by lightning and destroyed; damage, about $1,000. 29th, heavy hailstorm at Landrum, with hailstones about one and one-half inches in diameter, with damage near $300; on the 31st, another heavy hailstorm occurred in the afternoon. 29th, fourteen hogs killed by lightning near Mountville; loss about $200. 30th, near Santuck, afternoon, hailstorm path one-fourth mile wide and about 15 miles long; damage, probably $1,000. 30th, morning, dwelling in Laurens struck by lightning and damaged about $500. 31st, barn and contents, afternoon, in upper Newberry County, fired by lightning and destroyed, with loss approximating $600. 31st, dangerous fire started by lightning in a reserve gasolene tank, but extinguished without much damage. 31st, about 5 p. m. in Ridge Spring Section, hail damaged crops and dwellings and killed many chickens; the path was about 3 miles wide and about 5 miles long, and some hailstones were as large as turkey eggs; damage, estimated at about $2,500.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 8.7 miles. The highest average velocity was 12 6 miles per hour at Savannah, Ga., and in the Section proper, 10.6 miles per hour Charleston; the lowest average velocity was 4.6 miles per hour at Charlotte, N. C., and in the Section proper, 7.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 52 miles per hour from the northwest at Savannah, Ga , on the 28th, and in the Section proper, 48 miles per hour from the west at Charleston on the 29th.

RIVER CONDITIONS.

The rivers were at generally low stages throughout the month incident to light rainfall in the upper reaches.

MISCELLANEOUS DATA FOR MAY, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	29.96	64.3	87	40	2.20	0.61	8.2	nw.	78	51	60	50
Augusta, Ga.....	29.98	74.2	99	48	1.36	0.66	6.1	nw.	74	54	63	82
Charleston, S. C...	30.00	74.6	95	55	0.71	0.38	10.6	sw.	73	65	75	74
Charlotte, N. C ...	29.96	70.6	93	44	1.44	0.59	4.6	sw.	72	55	57	75
Columbia, S. C....	29.98	73.4	96	49	1.60	0.97	7.5	w.	74	44	50	75
Due West, S. C....	30.00	70.8	93	42	1.35	0.72	10.0	sw.	72	49	...	71
Greenville, S. C...	29.96	69.5	88	45	1.57	0.69	10.2	sw.	75	58	59	66
Savannah, Ga.....	30.00	75.2	98	52	0.71	0.29	12.6	w.	70	46	63	76
Wilmington, N. C.	29.98	71.6	89	49	0.91	0.63	8.4	sw.	78	61	76	76
Means and extremes.....	29.98	71.6	99	40	1.32	0.97	8.7	sw.	74	54	63	72

Climatological Data for May, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort (near)‡‡	Beaufort	21	46	74.7	+1.7	100	31	45	17	36	0.61	−2.67	0.25	0	4	19	9	3	s	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	73.4	+0.4	98	†20	45	17	47	4.40	+0.72	1.05	0	7	25	5	1	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	74.6	+1.9	95	26	55	1	28	0.71	−2.76	0.38	0	8	14	13	4	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	70.7	+0.2	98	20	42	17	44	2.33	−1.28	0.73	0	6	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	37	72.6	+2.0	97	20	44	2	44	1.14	−1.56	0.48	0	7	14	1	16	sw.	Paul Quattlebaum.
Darlington	Darlington	175	32	72.0	+1.3	97	20	44	† 2	38	0.75	−2.91	0.30	0	5	18	5	8	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	1.52	−2.13	0.75	0	6	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	45	73.2	+0.9	97	20	42	17	40	2.15	−1.92	0.87	0	5	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	45	72.6	+0.6	97	20	45	17	39	1.62	−2.40	0.63	0	7	20	6	5	sw.	H. K. Gilbert.
Florence 2	....do	136	12	.....	.....	.....	.....	.....	.....	.....	1.03	−2.99	0.28	0	5	18	11	2	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	[b]73.8	.....	[b]103	31	[b]41	17	[b]52	1.69	.....	0.68	0	5	23	7	1	.....	Maner B. Robert.
Georgetown††	Georgetown	18	34	73.8	+1.9	97	25	45	† 2	48	4.37	+0.68	1.50	0	6	20	7	4	.....	A. P. Hazard.
Kingstree	Williamsburg	54	45	72.9	+1.3	97	20	46	17	41	2.03	−1.31	0.52	0	5	26	0	5	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	2.06	.....	0.78	0	7	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	11	[c]73.0	+2.7	[c]96	20	44	17	[c]46	2.48	−1.01	0.34	0	5	12	14	5	sw.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	80	.....	.....	[f]94	20	[g]46	2	.....	2.07	−1.62	0.73	0	5	....	....	....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	1.48	−2.91	0.55	0	4	....	....	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	70.3	−0.2	96	21	42	†16	38	2.88	−0.70	0.88	0	6	27	1	3	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	[c]72.6	+1.0	[b]97	31	[c]46	17	[c]41	1.95	−1.69	0.78	0	5	25	5	1	sw.	Dr. William Simons.
Wedgefield	Sumter	249	37	73.6	+2.5	96	20	45	17	42	1.68	−1.65	0.45	0	6	25	5	1	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	72.8	+0.6	101	31	42	17	48	1.34	−2.50	0.56	0	6	24	0	7	sw.	W. C. Hutson.
Division means and	extremes	.....	....	72.9	+1.1	103	31	41	17	52	1.80	−1.69	1.05	0	6	21	6	4	sw.	
Western Portion.																				
Aiken	Aiken	527	65	72.8	+1.1	98	51	43	16	43	0 29	−3.29	0.16	0	2	18	6	7	s.	Frank B. McCoy.
Anderson	Anderson	764	34	71.0	+2.2	90	†18	45	17	45	1.22	−2.09	0.70	0	5	21	2	8	w.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	1.46	−1.69	0.54	0	6	....	....	....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	3	[k]64.1	.....	85	24	[k]43	† 1	[k]23	1.51	.....	0.58	0	4	12	6	13	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	72.0	.....	96	20	43	17	47	2.39	−1.59	1.10	0	5	14	14	3	s.	L. M. Parker.
Camden	Kershaw	222	77	73.8	+5.8	98	20	40	17	42	1.85	−1.36	0.70	0	7	....	....	....	....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	2.23	−1.55	1.63	0	3	....	....	....	.....	James G. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	3.04	0.00	1.31	0	8	....	....	....	.....	George V. Clamp.
Chester	Chester	487	5	.....	.....	[e]95	20	[i]45	17	[e]40	2.30	.....	1.10	0	4	23	6	2	ne.	J. C. Cornwell.
Clemson College	Oconee	850	35	69.2	+0.7	91	†20	37	17	51	1.27	−2.58	0.51	0	4	15	16	6	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	73.4	+1.6	96	20	49	17	30	1.60	−1.59	0.97	0	9	18	14	9	w.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	1.73	.....	0.74	0	8	....	....	....	.....	Broad River Power Co.
Due West	Abbeville	711	13	70.8	+1.4	93	20	42	17	34	1.35	−2.50	0.72	0	7	8	17	6	w	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	1.40	−1.80	0.65	0	4	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	2.42	−1.19	0.74	0	6	....	....	....	....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	69.5	+2.3	88	20	45	17	30	1.57	−2.77	0.69	0	8	9	13	9	w.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	70.9	+0.5	95	21	42	† 2	38	2.90	−0.84	0.67	0	6	23	0	8	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	69.6	−0.1	91	†19	44	1	37	1.73	−1.52	1.16	0	6	8	8	15	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	63.1	.....	84	19	38	16	40	3.09	.....	1.24	0	8	20	11	0	w.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	71.4	+0.9	93	19	42	16	42	1.46	−1.96	0.55	0	8	18	1	12	w.	John W. Hamel.
Landrum	Spartanburg	1063	12	70.1	+3.5	93	20	45	† 2	43	2.55	−3.86	1.21	0	5	19	10	2	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	[b]72.2	.....	[b]96	20	41	17	[b]48	2.58	.....	1.00	0	5	14	17	0	sw.	L. G. Roff.
Little Mountain	Newberry	711	34	70.6	−0.6	95	20	45	1	40	3.31	+0.22	0.91	0	5	23	5	3	w.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	2.10	.....	0.95	0	5	....	....	....	.....	Broad River Power Co.
Newberry	Newberry	502	23	[f]72.6	+2.0	96	20	[f]43	†16	[f]46	1.25	−2.38	0.57	0	6	18	11	2	w.	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	4.34	+0.13	1.14	0	8	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	25	70.3	−0.5	91	†19	39	17	36	1.99	−0.67	0.63	0	8	16	13	2	sw.	W. S. Crout.
Santuck	Union	512	34	70.5	+0.7	97	20	36	17	51	1.87	−1.43	0.42	0	7	16	12	3	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	.....	.....	92	24	.....	.....	.....	2.10	−2.02	1.00	0	3	26	0	5	.....	M. H. Daniel.
Trenton	Edgefield	620	34	73.4	+1.6	97	20	46	17	43	0.80	−2.44	0 49	0	4	7	23	1	s.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	[a]67.9	+1.1	90	†19	[a]36	17	[a]53	2.12	−2.02	0.62	0	8	12	17	2	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	33	[b]71.6	+1.0	[b]96	20	[b]44	17	[b]35	1.40	−1.95	0.62	0	6	14	11	6	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	70.7	+1.4	95	20	43	17	43	2.46	−1.75	1.25	0	7	8	0	23	sw	W. T. Clawson.
Division means and	extremes	.....	....	70.5	+0.1	98	†20	36	17	53	1.99	−1.40	1.63	0	6	16	10	5	w.	
Section means and	extremes	.....	....	71.4	+0.4	103	31	36	17	53	1.92	−1.61	1.63	0	4	18	9	4	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

April, 1927.—Chester, total precipitation, pages 14 and 15, should be 3.13; number of rainy days, page 14, should be 7. Florence No. 1, lowest temperature, page 14, should be 35 on 11th. Little Mountain, greatest 24-hour precipitation, page 14, should be 0.50. Yemassee, number of cloudy days, page 14, should be 8.

Daily Precipitation for May, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
nfort(near).	Coast	.05					.08																			.23			T.	.25			0.61
kville	Edisto	.80				.10							.80													1.05	.05			.60	1.00		4.40
rleston ***	Coast						T.	T.			.01	.06		.03	.01								T.	T.	.04	.38			.03	.15		T.	0.71
raw	Pee Dee	.62						.28					.42																	.73	.06	.22	2.33
way	Waccamaw	.48				.04		.06				T.	.09																	.23	.12	.12	1.14
ington	Pee Dee							.08																						.14	.23	.30	0.75
gham	Lynches	.75				.11			T.				.20												T.	T				.10	.25	.11	1.52
nson	Santee		.41										.87		.02															.41	.44		2.15
ence 1	Pee Dee	.63						.38	.16			.06														T.	T.			.04	.28	.07	1.62
ence 2	do	.45						.28				.04																		.02	.24		1.03
nett	Savannah					T.						.62	.09	.68	.06											.23			.01				1.69
getown	Coast				.07		T.						1.45	.37			.20												.78	1.50			4.37
gstree	Black	.50				.25							.52																	.46	.30		2.03
s Bluff	Pee Dee	.78						.47	.07			.17															.06				.21	.30	2.06
geburg	Edisto	.34				T.							.94					T.								.73	T.			.13	.34		2.48
polis	Cooper				.73							.66		.10															.11	.47			2.07
inl	Santee												.10													.40					.43	.55	1.48
ety Hill	Pee Dee	.65											.25										.88							.44	.18	.48	2.88
merville	Ashley											.78		.01															.60	.23		.33	1.95
gefield	Wateree	.10										.15						T.							.05	T.			.73	.45		.20	1.68
assee	Ashepoo	.53				T.						.06	.56		.05												.11			.03			1.34
Western Portion.																																	
n	Edisto											.13														.16							0.29
erson	Savannah									.05																.07			.15	.70	.25		1.22
rs	Broad	.53			.03	.05																					.23				.54	.08	1.46
r's Head	Saluda									.32															.58				.24		.37		1.51
oun Falls	Savannah	.43																					.42		T	1.10	.31			T.	.13	T.	2.39
den	Wateree	.35						.70					.03												.02					.15	.50	.10	1.85
wba	Catawba	1.62																													.25	.35	2.23
ppells	Saluda	.33						.20															.30		.05	1.26	.15				.70	.05	3.04
ster	Broad	.50			1.10																						.30		T.			.40	2.30
nson College	Savannah																								.54				.10	.43	.20		1.27
ambia ***	Congaree				T.			.06	.19			.07						T.							.25	.03			.24	.73	.02	.01	1.60
cent	Enoree									.15							.08								.18	.01			.10	.74	.23	.24	1.73
West***	Savannah					T.	T.	.35	T.								T.						T.	.04	.16			.03	.67	.06	.04	1.35
field	Savannah							.30																			.15		.30		.65		1.40
ou Shoals	Broad	.56						.30																		.11	T.			.08	.74	.63	2.42
nville ***	Saluda					.01		.03	T	.15											.06			T.	T.	T.			.21	.48	.32	.31	1.57
nwood	do	1.15						.56																		.15	.33				.67	.04	2.90
h Springs	Wateree			.05								.07									.29								.02	.14		1.16	1.73
back Mountain	Broad	.50									.04														.04	.01			.05	.93	.28	1.24	3.09
naw	Lynches	.55				.01							.08										.06	.22						.28	.11	.12	1.46
rum	Broad									.08																			.98	.67	.31	1.21	2.55
rens	Saluda								T.							T.									.04	.23			1.00	.74	.57	T.	2.58
e Mountain	Saluda	.30						.91																	.60	.70			T.	.80			3.31
chart	Broad	.65						.10																		.15				T.	.95	.25	2.10
berry	Saluda				.06		.24										T.								.03	.22			T.	.57	.13	T.	1.25
er	do	.58			T.		.04			T.	.16											1.14				1.08	T.		T.	.04	.96	.24	4.34
dia	do	.10						.27				.11													.05	.63			.11	.52	T.	.20	1.99
nck	Broad				T			T.									.10								.16	.57			.01	.42	.41	.20	1.87
rtanburg	do	1.00																															2.10
nton	Edisto							.05				T.														.20	T		.06	.49	T.	.70	.40	0.80
halla	Savannah						.04		.06	.31															.41				.30	.62	.13	.22	2.12
nsboro	Broad	.62											T.			.05		T.								.11	.06				.36	.14	1.40
throp College	Catawba	.17						1.25						.20											.17	.10				.28	.29		2.46

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR MAY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
7	72.5	97	41	3.17	10				
8	70.2	99	33	7.51	11				
9	71.7	101	35	1.97	5				nw.
0	71.0	95	30	5.44	10				sw.
1	69.0	100	36	3.57					ne.
2	71.1	94	39	3.53					
3	70.2	97	38	4.13	9	13	9	9	sw.
4	70.7	98	28	3.43	9	10	16	5	sw.
5	69.0	101	34	4.36	9	11	12	8	sw.
6	76.7	104	42	2.74	8	14	13	4	sw.
7	69.3	97	38	2.39	6	18	8	5	sw.
8	73.8	106	39	1.35	5	18	10	3	sw.
9	73.7	100	45	1.68	5	15	10	6	sw.
0	70.2	96	38	2.37	5	19	7	5	sw.
1	71.4	99	40	7.31	11	13	10	8	sw.
2	74.0	101	42	2.69	8	15	10	6	sw.
3	70.7	104	44	2.69	9	12	9	10	ne
4	70.6	99	38	2.04	7	18	8	5	s.
5	73.4	99	42	5.70	13	12	9	10	sw.
6	70.7	99	30	3.00	7	17	6	8	sw.
7	70.8	96	41	4.51	10	11	12	8	nw.
8	71.8	96	36	2.92	7	16	11	4	sw.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction
1909	69.5	100	35	4.26	8	14	12	5	sw.
1910	69.8	99	40	4.03	8	15	10	6	sw.
1911	72.6	106	35	0.65	3	20	8	3	ne.
1912	72.4	101	43	4.08	9	16	6	9	sw.
1913	71.7	101	38	2.13	6	19	6	6	sw.
1914	72.1	105	42	0.83	3	18	10	3	sw.
1915	73.0	98	46	7.20	11	11	11	9	w.
1916	73.8	103	42	2.44	5	20	7	4	sw.
1917	66.3	98	31	3.09	7	18	7	6	w.
1918	72.6	100	31	3.48	7	19	8	4	sw.
1919	71.0	96	42	5.23	11	12	11	8	s.
1920	67.6	94	42	1.77	6	16	9	6	ne.
1921	68.1	98	36	5.30	10	12	10	9	ne.
1922	71.0	98	38	5.89	12	12	8	11	se.
1923	68.0	94	31	6.44	12	12	7	12	e.
1924	68.0	96	33	4.43	9	17	7	7	w.
1925	68.3	100	33	2.18	6	19	7	5	w
1926	70.6	103	38	1.66	5	21	6	4	sw.
1927	71.4	103	36	1.92	4	18	9	4	w.
Period	71.0	106	30	3.53	8	16	9	6	sw.

Daily Temperatures for May, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	71	77	80	84	89	90	90	84	85	84	92	80	71	82	84	77	81	86	90	91	85	88	90	89	93	94	90	83	89	90	100	85.8
	Minimum	55	50	55	64	65	65	70	64	69	73	70	59	62	57	58	57	50	60	64	65	63	65	68	69	70	67	69	65	67	70	70	63.1
Blackville	Maximum	72	83	87	87	90	91	89	88	93	91	93	76	67	83	82	72	79	92	95	98	95	95	93	95	88	91	86	92	89	88	98	87.8
	Minimum	50	50	50	56	60	60	67	65	61	71	71	51	52	53	51	49	45	54	60	55	68	65	63	63	68	68	60	60	61	68	59.0
Charleston	Maximum	70	71	77	82	84	90	82	78	80	83	88	77	70	81	83	74	78	84	85	91	80	79	84	88	94	95	82	81	85	91	94	82.6
	Minimum	55	56	62	67	68	70	67	66	71	74	73	61	61	61	61	58	56	65	70	70	73	71	71	71	66	69	69	69	65	75	73	66.6
Cheraw§§	Maximum	74	81	85	86	88	89	78	83	88	87	88	76	68	80	78	73	80	86	96	98	85	88	92	94	93	92	82	78	74	82	93	84.4
	Minimum	44	44	50	52	56	61	61	57	61	67	70	53	46	48	47	43	42	53	63	65	66	62	65	68	68	63	54	56	58	62	62	57.0
Conway	Maximum	72	78	84	87	91	89	83	82	85	87	94	78	72	81	82	76	77	87	95	97	91	86	89	91	95	94	90	82	81	86	96	85.7
	Minimum	48	44	50	54	64	63	66	57	63	69	72	58	51	52	52	49	48	51	67	66	66	65	63	68	71	65	59	56	61	64	61	59.5
Darlington §§	Maximum	72	79	84	85	90	90	81	86	89	86	92	77	72	80	79	74	79	87	95	97	91	89	91	91	94	92	82	84	74	80	94	58.4
	Minimum	48	44	52	51	60	64	64	58	75	70	72	55	49	49	50	44	45	56	63	68	67	60	67	70	69	64	54	55	60	60	65	65.3
Ferguson §§	Maximum	76	80	84	76	81	90	85	87	90	92	92	72	70	81	74	75	78	90	75	97	94	92	92	91	95	94	89	87	87	85	94	85.3
	Minimum	48	44	69	53	58	63	71	66	68	68	70	56	52	55	48	45	42	50	66	65	76	69	69	74	69	65	57	63	61	66	68	61.1
Florence 1	Maximum	67	78	85	88	90	89	86	84	86	88	86	78	74	80	82	76	79	84	90	97	92	86	90	94	94	93	81	80	74	83	94	84.8
	Minimum	46	46	54	58	63	66	65	60	64	70	72	55	52	53	56	54	45	55	60	68	67	65	67	69	70	65	58	58	63	61	68	60.4
Garnett	Maximum	75	82	87	91	92	91	91	90	91	91	95	80	71	82	85	77	81	93	95	98	96	91	96	....	....	94	90	96	92	93	103	[b]89.3
	Minimum	54	46	49	57	60	62	65	63	65	70	65	57	50	64	59	47	41	50	57	56	64	60	56	....	....	64	60	58	64	66	65	[b]58.5
Georgetown	Maximum	75	80	84	85	91	89	83	84	87	87	93	79	90	82	84	78	93	86	94	96	89	88	88	93	97	95	89	84	81	88	94	87.3
	Minimum	49	45	50	56	64	65	66	59	64	68	69	55	52	53	52	58	45	56	65	67	68	62	60	66	68	65	59	63	60	67	73	60.3
Kingstree	Maximum	72	79	85	85	88	89	87	83	87	89	90	76	74	80	81	77	78	87	94	97	91	87	91	91	93	93	85	85	77	84	95	85.5
	Minimum	51	45	51	51	63	64	68	61	64	68	72	57	52	53	54	50	46	54	65	67	68	60	64	69	71	65	60	56	64	66	69	60.3
Orangeburg 1	Maximum	...	...	...	86	89	90	84	89	91	93	90	74	66	80	80	73	77	90	93	96	92	90	92	93	90	96	85	89	80	83	95	[c]86.4
	Minimum	53	51	54	56	59	63	67	61	65	69	68	55	52	53	55	47	44	51	61	64	65	60	60	68	67	65	59	59	63	67	67	59.6
Society Hill §§	Maximum	67	76	83	84	89	89	77	85	90	89	91	75	71	79	78	73	77	80	94	96	89	87	90	95	92	90	81	81	73	78	92	83.6
	Minimum	46	44	45	54	59	59	64	59	62	63	71	53	48	48	47	42	42	46	56	67	66	63	66	67	70	64	54	55	55	59	64	57.0
Summerville	Maximum	73	73	80	86	90	91	85	85	85	...	87	78	75	80	82	76	79	87	94	94	92	88	86	90	94	....	88	89	81	87	97	[b]85.2
	Minimum	53	...	50	62	57	63	61	65	...	67	71	56	54	56	50	48	46	55	65	63	67	64	62	67	...	64	58	58	57	68	70	[c]59.9
Wedgefield	Maximum	80	76	83	82	88	88	88	85	89	88	90	87	86	80	78	74	78	87	93	96	93	92	90	92	90	92	84	88	83	82	93	86.3
	Minimum	49	49	54	51	62	65	64	62	65	70	70	68	69	53	47	47	45	54	65	68	65	63	65	68	68	63	63	57	62	67	69	60.9
Yemassee	Maximum	76	79	82	89	90	89	90	86	87	91	91	77	72	84	82	77	80	90	93	96	91	89	92	91	94	93	89	89	89	91	101	87.4
	Minimum	53	45	48	57	61	62	65	61	65	69	68	56	50	55	51	46	42	48	58	59	65	59	58	64	64	63	58	57	64	66	67	58.2
Western Portion.																																	
Aiken	Maximum	72	76	82	82	86	87	86	88	88	86	89	82	72	78	77	74	76	88	91	94	92	89	90	92	88	91	89	82	86	88	98	85.1
	Minimum	50	52	54	61	59	65	65	64	62	69	67	51	50	53	52	43	45	56	68	61	69	66	63	68	67	63	63	62	67	71	68	60.5
Anderson	Maximum	71	77	81	78	85	86	85	81	85	85	85	75	68	79	74	71	78	90	90	90	85	86	86	90	86	89	87	76	82	80	90	82.3
	Minimum	50	52	60	61	58	63	65	66	65	69	66	49	51	54	51	48	45	58	65	65	66	66	66	66	62	59	58	58	59	62	66	59.6
Caesar's Head	Maximum	63	69	75	68	75	77	71	69	74	73	76	66	57	67	61	62	68	78	82	82	77	75	76	85	72	78	74	67	72	69	79	74.2
	Minimum	43	46	56	52	55	57	58	57	61	61	62	51	46	48	48	43	47	....	....	....	....	62	60	63	....	....	53	....	....	....	....	....	[b]54.0
Calhoun Falls §§	Maximum	75	80	85	83	90	91	91	86	90	88	88	70	68	80	78	73	80	91	94	96	93	90	90	92	86	86	87	82	86	84	94	85.4
	Minimum	50	51	54	55	58	61	63	64	66	68	69	50	50	52	52	47	43	44	57	67	66	60	66	66	66	61	56	61	61	63	68	58.5
Camden §§	Maximum	74	82	85	86	92	92	80	94	95	92	87	79	77	84	80	78	80	90	94	98	94	95	94	96	93	91	87	84	90	93	90	87.9
	Minimum	47	45	50	57	57	57	60	60	60	67	72	58	52	49	47	46	40	48	62	73	78	77	74	69	67	65	63	66	60	62	65	59.8
Chester	Maximum	72	72	.....	.....	.....	.....	81	86	88	89	88	.....	.....	80	81	....	80	85	....	95	....	94	92	92	....	.....	.....	.....	.....	.....	94	.....
	Minimum	46	46	56	56	....	65	65	62	.....	.....	.....	50	50	...	48	....	45	.....	.....	66	66	65	65	65	....	60	...	60	61	62	62	.....
Clemson College	Maximum	73	76	82	80	84	85	82	80	83	83	73	76	74	73	70	76	88	89	91	85	84	83	90	81	86	85	81	80	79	91	81.5
	Minimum	53	49	50	57	54	61	64	66	64	68	65	49	49	47	48	44	37	54	62	61	60	66	62	62	64	54	54	56	58	64	63	56.9
Columbia	Maximum	73	79	82	84	88	88	79	84	87	89	88	75	68	78	77	71	76	88	92	91	91	89	89	92	89	90	85	86	79	83	94	84.2
	Minimum	51	53	58	64	64	69	66	63	69	73	66	56	54	56	56	52	49	58	68	69	70	66	67	70	68	65	60	62	61	68	70	62.6
Due West	Maximum	71	77	81	81	85	86	81	79	86	86	84	74	68	77	73	70	76	88	90	93	87	88	88	90	82	89	84	74	82	81	92	82.0
	Minimum	50	52	54	62	57	65	64	64	67	69	60	48	52	53	52	46	43	56	65	65	65	65	65	68	67	60	60	60	59	66	66	59.5
Greenville	Maximum	69	76	89	78	84	84	79	76	84	82	82	72	67	74	70	67	75	85	87	88	82	84	82	87	78	84	83	71	77	76	86	79.0
	Minimum	49	56	57	61	62	61	64	64	65	69	59	50	51	54	53	49	45	58	67	69	68	66	67	67	67	61	61	54	57	62	66	60.0
Greenwood	Maximum	78	75	78	82	82	87	88	86	83	88	86	86	75	69	78	75	71	76	89	91	95	93	89	89	89	88	88	88	83	79	85	83.4
	Minimum	48	42	54	59	59	64	62	63	63	70	69	48	49	52	51	46	43	52	64	67	65	61	63	67	67	61	55	63	59	59	66	58.4
Heath Springs	Maximum	67	73	80	79	87	85	77	81	84	83	82	75	68	76	75	70	76	84	91	90	84	85	84	87	86	86	80	75	68	66	91	79.8
	Minimum	44	50	55	60	61	64	61	59	65	70	70	52	47	52	52	45	47	58	68	70	66	63	65	68	68	64	55	57	58	61	65	59.4
Hogback Mountain	Maximum	61	68	75	70	75	76	70	70	74	73	77	62	58	63	69	60	69	79	84	83	79	75	80	81	72	78	76	69	70	71	78	72.4
	Minimum	44	46	57	55	55	56	57	56	60	62	57	42	45	48	45	38	39	54	61	62	61	60	62	60	62	56	50	52	49	56	62	53.8
Kershaw	Maximum	71	78	84	82	88	87	79	85	89	86	87	77	68	79	77	71	78	87	93	97	87	88	89	90	90	91	82	79	76	80	91	83.4
	Minimum	45	49	55	58	60	62	63	59	66	70	70	53	49	51	50	42	45	54	66	69	66	63	65	69	69	70	55	58	59	66	65	59.4
Landrum	Maximum	71	77	79	83	85	85	81	79	88	87	89	72	69	78	74	68	77	88	91	93	87	85	88	90	86	84	85	79	79	80	86	82.0
	Minimum	47	45	55	54	60	61	63	68	64	64	66	53	51	53	50	47	45	55	65	68	65	67	65	63	54	56	61	55	57	63	65	62.2
Laurens	Maximum	75	....	85	....	89	89	83	82	90	88	87	77	72	81	77	74	81	89	94	96	87	90	92	92	86	90	87	77	83	82	93	[b]85.1
	Minimum	49	....	47	....	57	64	66	65	68	70	69	49	48	53	53	44	41	58	66	66	63	62	63	64	65	59	59	59	59	65	67	[b]59.4
Little Mountain	Maximum	71	78	82	83	83	83	78	83	87	84	88	80	71	78	79	73	78	84	92	95	94	90	89	90	84	89	83	82	82	82	94	83.5
	Minimum	45	49	52	55	58	60	63	60	65	69	65	48	50	50	53	48	50	56	58	61	60	58	60	67	65	63	56	60	58	62	66	57.7
Newberry	Maximum	73	77	84	82	87	81	84	89	90	87	88	76	69	79	77	72	77	89	92	96	91	91	90	92	86	91	86	82	82	83	94	84.4
	Minimum	.....	.....	.....	.....	.....	.....	63	64	70	71	69	51	51	52	50	43	43	57	67	66	68	62	65	68	67	63	55	63	60	67	68	[f]60.9
Saluda	Maximum	68	68	78	80	81	87	87	83	85	85	86	86	66	76	76	68	73	88	91	91	88	88	87	87	78	86	86	85	78	84	84	81.8
	Minimum	48	48	56	63	59	65	64	63	69	71	68	51	49	53	48	41	39	54	67	65	61	58	58	69	64	65	54	57	60	69	66	58.8
Santuck	Maximum	72	78	84	89	89	89	79	83	88	88	89	77	71	81	78	71	78	87	95	97	86	90	90	95	86	89	83	77	80	80	89	83.9
	Minimum	46	45	48	60	54	68	64	60	69	71	69	49	45	53	44	40	36	56	69	62	61	59	61	68	64	59	52	55	59	65	64	57.1
Spartanburg	Maximum	70	76	85	80	79	86	80	78	87	85	84	78	70	78	76	68	70	80	88	90	85	86	88	92	83	86	84	78	78	77	78	86.3
	Minimum	51	40	52	50	52	59	54	53	57	64	62	47	39	47	45	35	37	50	60	54	58	58	54	57	59	48	56	48	51	51	56	55.0
Trenton	Maximum	73	80	85	83	87	89	85	92	93	94	89	75	71	79	79	79	89	93	97	96	92	95	94	93	89	85	89	82	83	93	96	86.6
	Minimum	49	52	56	61	61	64	63	63	63	63	65	51	53	53	49	49	46	60	67	68	68	62	62	69	64	64	61	63	60	69	71	60.3
Walhalla	Maximum	71	78	82	81	85	85	86	76	84	81	83	71	69	77	75	71	78	89	90	90	84	84	82	89	80	87	86	78	80	75	89	81.0
	Minimum	43	45	46	55	52	57	61	65	62	64	60	48	45	50	44	40	36	53	...	62	60	64	60	61	61	53	54	58	58	63	63	[a]54.8
Winnsboro §§	Maximum	70	....	85	83	88	88	77	85	89	88	87	75	69	80	77	73	77	87	93	96	80	....	90	92	89	90	84	83	80	82	92	[b]83.8
	Minimum	46	50	....	55	55	64	64	61	65	70	68	52	51	52	51	46	44	59	65	68	69	64	...	....	64	68	64	60	62	59	65	[b]59.3
Winthrop College	Maximum	73	77	83	80	88	88	81	81	86	85	87	75	70	80	77	71	78	86	93	95	85	91	88	86	89	88	80	78	75	80	90	82.7
	Minimum	45	50	54	59	57	64	62	56	67	70	55	52	50	52	50	46	43	56	67	65	66	64	65	67	66	66	55	60	57	69	64	58.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 6-23-27—900

51.05
NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

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SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., JUNE, 1927. No. 6.

GENERAL SUMMARY.

The month was far down in the group of cool Junes, with average cloudiness the greatest of record, but closed with abnormal heat. Precipitation averaged considerably above normal.

Frequent showers were attended by vigorous growth in all vegetation, and grass rapidly accumulated in the fields; however, plowing conditions improved toward the close of the month, and most of the grass was eliminated. Cotton made good growth and was in good to excellent condition; the first bloom was picked near Barnwell on the 2d, nearly two weeks earlier than normal; the crop was blooming and fruiting freely as the month closed, and weevils, though increasing in numbers, had not caused serious damage. Corn, tobacco, sweet potatoes, field truck, and other crops were generally in excellent growing condition, and old corn had practically all been laid by at the end of the month, sweet potato transplanting was finished, and late forage crops had developed good stands. Tobacco curing was in progress as the month closed, with good results generally. Winter cereal threshing proceeded slowly, being delayed by frequent rains. Peaches and blackberries were plentiful, and all kinds of vegetables were unusually abundant.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.02 inches. The highest pressure was 30.24 inches at Columbia and Due West on the 28th; the lowest pressure was 29.79 inches at Asheville, Charlotte, and Wilmington, N. C., on the 11th, and in the Section proper, 29.80 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 36 stations, was 74.9°, or 2.6° below the normal. The highest temperature was 104° at Winnsboro on the 30th. The warm periods were from the 3d to the 5th and 10th to 14th, inclusive, and on a few odd days, particularly on the 30th. The lowest temperature was 48° at Caesar's Head and Hogback Mountain on the 16th. The cool periods were from the 6th to 8th, 15th to 19th, and 27th to 29th, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 83%; noon, 64%; 8 p. m., 76%. The highest percentages occurred along the coast and in the higher Piedmont counties, and the lowest, in the north-central region.

PRECIPITATION.

The average for the Section, 52 stations reporting, was 5.67 inches, or 0.86 inch above the normal. Precipitation was very unevenly distributed in amounts, but showers occurred on every day in some part of the Section. The rainfall ranged from 5 to over 11 inches on the greater part of the coastal plain and was relatively light in most sections of the northwestern counties, where the measurements ranged downward from 4 inches to 2 inches. The greatest local monthly amount was 11.62 inches at Yemassee, and the least local monthly amount was 2.00 inches at Lockhart. The greatest amount during any 24 hours was 3.16 inches at Yemassee on the 17-18th. The number of rainy days was 30% above normal. Light hail occurred at Conway on the 2d and at Hogback Mountain on the 22d.

Deaths by Lightning.—Mr. C. H. Strickland and Murnell Carroll, a youth, about 5:30 p. m., when lightning struck a chimney of Smoak School, near Branchville; four persons were injured.

A thunder squall in the Eureka Cotton Mill section of Chester during the late afternoon of the 14th damaged buildings estimated at $1,000.

Hailstorms near Monetta and Kitchings Mills during evening of the 1st damaged crops to the extent of about $1,500.

A wind squall at Laurens between 4:30 and 5 p. m., 14th, caused damage to trees and outhouses estimated at about $300.

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 7.0 miles. The highest average velocity was 10.1 miles per hour at Savannah, Ga., and in the Section proper, 9.9 miles per hour Charleston; the lowest average velocity was 3.6 miles per hour at Charlotte, N.C., and in the Section proper, 5.6 miles per hour at Columbia. The highest velocity for any 5-minute period was 48 miles per hour from the northwest at Due West on the 14th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 224.5 hours, or 52% of the possible amount. The average number of clear days was 9; partly cloudy, 8, and cloudy, 13, as against normals of 12, 11, and 7 days, respectively.

RIVER CONDITIONS.

Although showers were more or less frequent, the rivers of the Section continued relatively low throughout the month

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 10, 13; Little Mountain, 10; Walhalla, 10. *Solar:* Due West, 1, 3, 6, 8, 10, 11, 24; Greenville, 25; Walhalla, 3.

MISCELLANEOUS DATA FOR JUNE, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.01	68.5	89	52	4.47	1.90	7.1	se.	85	61	74	40
Augusta, Ga.....	30.01	78.0	99	60	6.51	1.93	4.4	nw.	83	66	77	56
Charleston, S. C...	30.02	78.8	98	63	4.10	1.10	9.9	sw.	81	71	81	47
Charlotte, N. C ...	30.02	73.3	98	53	3.41	0.93	3.6	ne.	80	61	70	58
Columbia, S. C.....	30.02	76.4	101	58	4.10	1.57	5.6	ne.	82	58	73	53
Due West, S. C....	30.04	73.8	99	55	4.89	0.94	7.6	sw.	86	63	...	52
Greenville, S. C...	30.01	72.6	99	56	4.95	1.36	7.6	ne.	83	69	74	47
Savannah, Ga.....	30.02	79.8	100	62	7.68	1.46	10.1	w.	83	62	79	50
Wilmington, N. C.	30.03	75.3	94	58	4.33	1.76	7.3	sw.	82	64	81	66
Means and extremes.....	30.02	75.2	101	52	4.94	1.93	7.0	sw. ne.	83	64	76	52

Climatological Data for June, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Beaufort (near)‡‡	Beaufort	21	46	77.6	−2.8	100	† 5	60	16	38	9.39	+4.19	2.36	0	14	14	6	10	s	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	77.2	−2.2	100	30	56	16	44	9.09	+3.68	2.25	0	12	10	13	7	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	78.8	−0.1	98	5	63	16	25	4.10	−1.29	1.10	0	13	6	7	17	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	72.4	−2.0	102	30	54	18	46	4.87	−0.27	1.43	0	12	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	37	77.2	+0.1	99	30	58	18	44	7.33	+2.18	1.45	0	18	10	0	20	sw.	Paul Quattlebaum.
Darlington	Darlington	175	32	75.0	−2.1	97	3	57	19	36	9.42	+3.98	2.30	0	17	8	5	17	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	8.91	+2.98	2.27	0	14	.....	.....	.....	sw.	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	77.0	−0.3	97	30	56	29	33	5.46	−0.14	1.04	0	16	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	45	76.4	−2.3	96	30	58	16	37	6.56	+1.29	2.00	0	15	9	9	12	sw.	H. K. Gilbert.
Florence 2	....do	136	12	.....	.....	.....	.....	.....	.....	.....	7.19	+1.82	1.45	0	14	10	8	12	s.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	[a]79.3	.....	[a]100	† 4	[a]60	16	[a]35	9.76	....	2.02	0	15	11	15	4	.....	Manor B. Robert.
Georgetown	Georgetown	18	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. P. Hazard.
Kingstree	Williamsburg	54	45	76.9	−1.3	95	30	60	18	37	7.56	+2.38	1.10	0	17	17	3	10	n.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	6.73	.. ..	1.75	0	16	.....	.....	.....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	11	77.2	−1.5	99	30	57	29	42	6.10	+1.61	1.72	0	15	7	9	14	sw.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	80	.....	.....	.....	.....	.....	.....	.....	5.95	+0.26	1.40	0	8	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	7.15	+2.83	0.96	0	12	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	[a]74.1	−3.2	[a]98	30	57	†18	[a]39	5.77	+0.45	0.90	0	16	15	2	13	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	.....	.....	[m]95	30	.....	.....	.....	6.54	+0.84	1.05	0	13	.....	.....	.....	.....	Dr. William Simons.
Wedgefield	Sumter	249	37	76.3	−1.0	98	30	58	18	35	7.18	+2.41	1.15	0	15	14	10	6	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	78.2	−0.6	98	30	60	16	44	11.62	+5.06	3.16	0	15	10	0	20	sw.	W. C. Hutson.
Division means and	extremes	.....	....	76.7	−1.0	102	30	54	18	46	7.33	+1.87	3.16	0	14	11	6	13	sw.	
Western Portion.																			
Aiken	Aiken	527	65	76.9	−0.9	97	30	57	16	33	6.74	+2.06	1.87	0	11	14	4	12	nw.	Frank B. McCoy.
Anderson	Anderson	764	34	73.7	−2.3	98	30	56	18	33	5.06	+1.46	1.12	0	12	8	4	18	e.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	3.80	−0.17	1.04	0	13	.....	.....	.....	.....	Esther B. Owens.
Cesars Head‡‡	Greenville	3118	3	67.0	.....	89	30	48	16	22	5.66	.....	1.45	0	9	4	5	21	.....	Cesar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	75.6	.....	101	30	56	16	32	5.44	+1.45	1.32	0	12	6	5	19	s.	L. M. Parker.
Camden	Kershaw	222	77	.....	.....	100	30	57	18	36	5.35	+0.83	1.00	0	9	.....	.....	.....	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	4.18	+0 20	0.99	0	10	.....	..	.....	.....	James C. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	6.03	+0.48	1.47	0	15	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	35	73.6	−2.0	99	30	56	18	36	4.63	−0.20	0.81	0	10	12	11	7	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	76.4	−1.7	101	30	58	15	30	4.10	−0.08	1.57	0	14	7	5	18	ne.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	3.56	.....	1.67	0	16	.....	.....	.....	.....	Broad River Power Co.
Due West	Abbeville	711	13	73.8	−3.2	99	30	55	18	31	4.89	+1.15	0.94	0	15	4	8	18	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	5.65	+2.29	2.00	0	9	...	.....	.....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	3.53	−1.05	0.97	0	12	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	72.6	−1.5	99	30	56	18	26	4.95	−0.14	1.36	0	17	4	11	15	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	74.8	−2.8	98	26	55	†16	33	6.61	+1.33	1.47	0	16	12	0	18	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	72.2	−4.4	97	30	52	17	30	4.61	−0.56	1.59	0	12	7	4	19	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	65.9	.....	90	30	48	16	30	5.42	.....	1.23	0	15	11	13	6	w.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	73.0	−4.7	102	30	54	16	43	2.69	−2.49	0.59	0	13	6	2	22	e.	John W. Hamel.
Landrum	Spartanburg	1063	12	73.0	−2.3	101	30	56	18	39	5.45	−0.59	1.46	0	10	10	12	8	sw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	75.1	.....	99	30	55	16	38	4.61	.....	1.06	0	12	11	12	7	s.	L. G. Roff.
Little Mountain	Newberry	711	34	74.6	−3.3	100	30	55	†16	35	5.10	+0.88	0.98	0	12	10	6	14	s.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	2.00	.....	0.85	0	7	.....	.....	.....	.....	Broad River Power Co.
Newberry	Newberry	502	23	75.2	−3.4	99	30	56	†16	39	5.29	+1.06	0.68	0	18	8	10	12	w.	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	4.66	+0.77	0.76	0	17	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	25	74.6	−3.2	98	30	58	†16	40	4.31	+0.01	1.09	0	16	6	18	6	sw.	W. S. Crout.
Santuck	Union	512	34	74.2	−2.7	102	30	53	16	46	2.84	−1.03	0.63	0	12	6	15	9	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	.....	.....	98	30	.....	.....	.....	3.85	−0.56	1.30	0	8	20	0	1	.....	M. H. Daniel.
Trenton	Edgefield	620	34	76.2	−2.3	101	30	57	†16	32	6.38	+2.04	2.40	0	11	5	16	9	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	72.3	−2.9	100	30	54	18	38	4.62	−0.13	0.98	0	11	9	14	7	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	33	74.6	−0.1	104	30	56	†16	37	2.78	−1.60	0.73	0	13	4	8	8	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	74.0	−2.6	101	30	51	16	41	3.17	−1.56	1.26	0	10	3	23	4	s.	W. T. Clawson.
Division means and	extremes	.....	....	73.8	−2.9	104	30	48	16	46	4.63	+0.02	2.40	0	13	8	9	13	sw.	
Section means and	extremes	.....	....	74.9	−2.6	104	30	48	16	46	5.67	+0.86	3.16	0	13	9	8	13	sw	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cesar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

June, 1927.—Greenwood, greatest 24-hour precipitation, page 18, should be 1.15. Kershaw, maximum temperature, page 18, should be 97 on 20th. Santuck, greatest 24-hour precipitation, page 18, should be 0.57. Text, Damage by Lightning, etc., page 17, 5th line from bottom, after tank, insert "at Johnston."

Daily Precipitation for June, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort(near)	Coast	.31	.50	T.				1.05	2.17	.08	.18		.55			.45	.04	2.36	.81			.30	T.		.20	.39							9.39
Blackville ‖	Edisto	1.05						.05		.40	.50	1.00				.24	2.25	.25	.75			1.10	1.00		.50								9.09
Charleston ***	Coast	.03	.02				.62	.50	T.	T.	.38	T.	.55		T.	.37		.30	.21		.75			T.	.01	.05		.31					4.10
Cheraw ‖	Pee Dee	.12	T.	.42	T.			.52	.31		T.	.33		1.43		.72	.36		.22	.22					.12		.10					4.87
Conway ‖	Waccamaw	.32	.70	.62	.45	.27		.58	.35		.13	.43	.12	.20		1.45	.91		.20	.48					.04		.05	.03	T.			7.33
Darlington ‖	Pee Dee	.35	1.00	.12	1.00			.50	.82			.15		.15		.55	1.05		.21	.03			.02	.32	.50		.35	2.30					9.42
Effingham ‖	Lynches	.11	2.27	1.15	1.17			.20	1.12		.18	.11		.30		.45	.41	T.	1.00	.07								.37					8.91
Ferguson ‖	Santee	.36	.04	.88					.62		.47	.18		.14		.21	1.04		.23	.02		.39	.11		.16	.06			.55			5.46
Florence 1 ‖	Pee Dee	.15	2.00	.44	.33			.12	.93		.02	.10		.23		.29	1.12		.24				.05	.02	.28			.24				6.56
Florence 2 ‖	do	.35	1.30	1.20	.35		T.	.15	.55	T.		.15	.05	T.		.52	1.45	.14	.04				.24	.70		T.						7.19
Garnett	Savannah	.48	1.29				.01		2.02	.10	.48		.07			2.00	.02	1.70	1.42			.02			.02	.02		.11				9.76
Georgetown	Coast																															
Kingstree ‖	Black	1.10		1.10	.50			.20	.70		.10	.75		.10		.16	1.00		.20			.10	.55		.10		.30	.30	.20			7.56
Mars Bluff	Pee Dee	.70	1.75	.87	.05	.05		.16	.42		.17			.05		.28	.85		.22	.05		T			.45		.21	.45					6.73
Orangeburg	Edisto		.02	.47				.04	.06	T.	.09	.81		.22		.15	1.02	.05	.48	T.		.06	.08	T.	1.72	T.	.10	T.					6.10
Pinopolis	Cooper		.05	.10			.50	.60	.10					1.10												2.10			1.40				5.95
Rimini ‖	Santee	.40	.15	.90					.40		.62	.90		.96			.40		.68				.35		.46			.93					7.15
Society Hill ‖	Pee Dee	.60	.23	.90	.24	.02		.55	.58		.12	.27		.42		.70	.50		.13	.08				.05	.38								5.77
Summerville	Ashley		.16				.70	1.05	.42		.90	.30	.21					.75	*		*				*	*		2.05					6.54
Wedgefield	Wateree	.55	.60						.40	1.05	.35		.20			.88	.05	.05	.50			1.15	.05		.15	.40	T.	.80					7.18
Yemassee ‖	Ashepoo	1.24	.13					.46	2.19	.11	.02	.15		.07		.31	.42	.75	3.16				2.03	.18		.31			.09				11.62
Western Portion.																																	
Aiken	Edisto		1.79					.37		.53	.39		.17		.03	1.87		.81	.62						.07			.09				6.74
Anderson	Savannah	.09						.48		.65			.13	.15	.52	.48		1.12	.43			.19	.30	.52								5.06
Blairs ‖	Broad	.12	.20	.02				.52	.10		.56	.05				1.04	.68		.10	.20			.13		.08							3.80
Cesar's Head	Saluda							1.45		.33			1.10		.30	40		.75	.48				.60			.25						5.66
Calhoun Falls ‖	Savannah							.58		.16	.06		T.	.14	T.	1.32	1.09	.12	.41	.16			.52	.48	.40		T.					5.44
Camden ‖	Wateree	.35	.98					1.00						.55		.80	.92		.30	.30			.10		.05							5.35
Catawba ‖	Catawba		.98	.05				.99				.25					.36		.07	.29			.86	.19	.14							4.18
Chappells ‖	Saluda	1.47	.19					.80	.12	.70	.12	.03				.10	.78	.05	.03	.28			.68	.06	.02							6.03
Chester	Broad																															
Clemson College	Savannah							.25			.23		.80		.05	.41		.81	.50			.11	.77	.70								4.63
Columbia ***	Congaree		.56				.73	.01		.04	.06	T.	.34		.13	1.44		.21	.09			.17		.26	T.	.01	.05					4.10
Crescent	Enoree	.13		.01			.19	.03	.01	.23	.25			.19	.05	.32	.04	.15	.20			1.67		.06			.03					3.56
Due West ***	Savannah		T.		T.		.34	.01	.05	.12	.03	T.	.05	.40	.52	.66		.82	.38			.80	.41	.27	T.	T	.03					4.89
Edgefield ‖	Savannah	.10						2.00		.25				.42		.48		.10	1.25				.35					.70				5.65
Gaston Shoals ‖	Broad	.10	.26		.02			.38			.03			.50		.54	.14		.13	.46			.36	.61								3.53
Greenville ***	Saluda		T	.01	.02		.12	.02	.02	.04	.51		1.30	.01	.31	.39		.19	.39	T.		.33	.18	.05			1.00					4.95
Greenwood ‖	do	.15	.18	.03				1.47	.21	.80	.24	.07				.16	.54	.81	.67	.33				.27	.16			.52				6.61
Heath Springs	Wateree	.60	.20	.03			.07	.10					.76		1.59	.35			.20			.07		.50		.14						4.61
Hogback Mountain	Broad	.34	.06		.04		.25	1.23		.14	.18		.90		.49	.30		.20	.46			.10	.72	.01								5.42
Kershaw ‖	Lynches	.06	.59	.07				.19			.08	.15		.21		.54	.46		.06	.09			.17		.02							2.69
Landrum	Broad	.45					.32	1.46			.12		.88		.33	.58		.12	.46				.73									5.45
Laurens	Saluda	.14	T.					.33	T.	T.		.18	.05			.57	.01	.21	.46			.61	.55	1.06		T.	.44					4.61
Little Mountain	Saluda		.42					.83		.23	.22		.08		.10	.98		.12	.75			.30	.40				.67					5.10
Lockhart	Broad	.10									.15			.20		.35	.25			.10			.85									2.60
Newberry	Saluda	.08	.30				.68	.17	.40	.28	.05		T.			.22	.65	.03	.22	.49	T.		.15	.49	.41	.05	.02	.60					5.29
Pelzer ‖	do	.76		T.	T.	T.		.38		.12	.28	.72		.22	.02	.04	.50	.02	.54	.20	.12	.02	.52	.18	.02							4.66
Saluda	do	.11	.08		.02			1.01	.12	.33	.01		.04			23	1.09		.55	.25		.06	.32	.04	.01			.03				4.31
Santuck	Broad		.06		T.		T.	.20	.04		.63	.30	T.		T.	.43		.07	.30			.25	.41	.14		.01	T					2.84
Spartanburg ‖	do		.20					.20			.50			1.30			.05	.50			.40			.70								3.85
Tremon	Edisto		.40					.56		.10	.23	T.	.24		.64	2.40		1.24	T			.92	.30	.05	T.	T.						6.38
Wallatla	Savannah					.06	.11	.16			.30		.78		.81	.41	T.	.55	.30			T.	.98	.17								4.62
Wimsboro ‖	Broad	.06	.40					.31	.04		.04			.25		T.	.73	.04	.18	.25			.30		.03	.15		T.				2.78
Winthrop College	Catawba							.65		.06	.15	.20			.08	.19			.28	.25				1.26	.05							3.17

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JUNE.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.	Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.9	107	44	3.53	8					1909	79.2	105	58	6.87	12	10	14	6	sw.
1888	78.1	102	51	2.73	7				sw.	1910	75.5	98	46	7.78	13	10	11	9	sw.
1889	74.4	99	39	5.10	10				se.	1911	80.9	106	54	3.42	8	14	12	4	sw.
1890	80.9	103	56	2.41	8				sw.	1912	75.5	101	48	5.68	9	13	7	10	sw.
1891	79.3			3.20						1913	76.2	105	40	5.53	12	15	9	6	sw.
1892	75.1	99	53	5.25					sw.	1914	81.1	108	50	3.80	8	14	12	4	sw.
1893	76.5	96	53	7.64	12	10	11	9	se.	1915	76.0	103	49	4.26	9	14	10	6	s.
1894	77.0	105	41	3.91	8	13	12	5	sw.	1916	76.4	100	48	5.12	11	12	11	7	sw.
1895	78.2	105	50	3.04	8	13	13	4	sw.	1917	76.9	102	43	4.49	8	16	10	4	sw.
1896	77.9	102	52	5.42	12	11	12	7	sw.	1918	77.0	106	50	3.44	7	15	9	6	ne.
1897	79.2	103	49	5.44	12	10	13	7	sw.	1919	76.4	101	46	5.97	10	11	9	10	e.
1898	79.7	105	55	4.15	8	17	10	3	sw.	1920	77.4	105	52	3.41	6	19	7	4	s.
1899	79.4	105	48	3.89	8	14	10	6	sw.	1921	79.2	103	50	2.81	6	15	11	4	sw.
1900	76.2	97	52	7.94	14	4	15	11	sw.	1922	78.2	101	52	5.48	11	14	11	5	w.
1901	76.7	102	48	6.55	12	9	12	9	sw.	1923	77.1	101	49	2.31	8	16	9	5	w.
1902	78.5	105	52	4.48	9	15	10	5	sw.	1924	78.7	104	52	5.12	10	13	9	8	sw.
1903	74.2	96	42	8.09	14	11	10	9	sw.	1925	80.4	105	58	3.09	8	14	10	6	sw.
1904	77.0	102	48	4.06	8	18	7	5	sw.	1926	77.2	103	46	4.41	8	11	7	12	w
1905	78.9	101	43	1.92	6	6	14	10	e.	1927	74.9	104	48	5.67	13	9	8	13	sw.
1906	78.4	102	52	8.88	12	13	8	9	sw.										
1907	75.8	99	50	5.92	10	12	13	5	sw.	Period	77.5	108	39	4.81	10	12	11	7	sw.
1908	76.6	100	48	4.90	9	13	13	4	ne										

Daily Temperatures for June, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	94	83	98	94	....	86	86	78	88	82	89	90	93	96	85	71	76	84	86	87	92	94	93	91	87	92	82	83	88	....	....	[1]84.9
	Minimum	62	72	72	79	75	75	67	65	70	73	71	71	70	75	70	60	67	64	64	73	72	75	77	71	70	74	67	73	62	70	....	70.2
Blackville	Maximum	86	91	95	97	93	89	83	80	85	89	90	87	97	97	79	74	67	75	85	88	86	95	95	89	90	94	78	85	92	100	....	87.7
	Minimum	65	67	70	73	75	67	65	63	65	68	71	70	70	73	68	56	60	58	63	60	68	65	69	70	70	74	75	64	56	65	....	66.8
Charleston	Maximum	86	82	96	86	98	80	84	79	81	89	91	88	93	90	90	75	75	80	84	84	83	91	90	87	84	92	80	81	83	95	....	85.9
	Minimum	71	75	77	75	77	69	68	68	74	74	74	71	73	78	65	63	68	66	65	72	75	76	77	75	74	77	68	70	67	70	....	71.7
Cheraw§§	Maximum	90	70	85	86	90	78	76	73	86	86	93	88	92	94	63	76	69	64	85	88	82	94	93	88	92	95	84	86	95	102	....	81.4
	Minimum	63	63	62	61	64	63	57	61	63	67	69	69	65	72	60	56	61	54	58	60	64	68	68	68	77	69	64	55	56	65	....	63.4
Conway	Maximum	92	81	89	82	91	85	84	79	81	86	91	91	93	94	83	80	71	80	81	89	84	95	96	89	86	94	88	86	91	99	....	87.0
	Minimum	88	66	69	62	68	66	66	65	68	70	72	72	70	74	61	59	63	58	62	65	66	72	73	70	72	74	66	59	55	67	....	67.3
Darlington§§	Maximum	89	78	97	87	89	80	81	78	85	87	92	89	92	92	67	77	71	67	78	88	82	91	91	87	88	91	79	83	88	98	....	84.7
	Minimum	67	63	66	61	63	65	61	64	65	70	72	73	69	74	62	58	62	58	57	62	66	70	70	68	73	72	66	59	57	70	....	65.4
Ferguson§§	Maximum	90	86	83	86	81	72	76	79	83	86	87	89	94	95	83	78	77	80	81	89	85	99	93	89	91	88	80	84	89	97	....	85.7
	Minimum	66	66	67	70	72	66	65	66	69	71	72	71	72	74	71	78	72	60	61	63	70	69	72	70	72	72	68	62	56	65	....	68.3
Florence 1	Maximum	88	80	86	87	89	81	80	81	86	90	93	90	94	91	74	78	68	71	76	87	88	95	96	89	90	94	86	81	86	96	....	85.7
	Minimum	68	66	66	62	70	67	64	66	68	72	71	73	70	74	70	58	62	59	60	63	67	69	73	70	73	72	68	67	59	65	....	67.0
Garnett	Maximum	93	93	95	100	100	92	94	82	89	88	85	92	97	98	86	77	79	83	88	88	92	96	96	90	....	96	83	88	93	100	....	[3]90.8
	Minimum	64	69	72	73	68	71	65	65	69	70	67	69	67	70	67	60	67	63	63	70	70	70	68	69	....	70	66	65	65	75	...	[3]67.8
Georgetown	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Kingstree	Maximum	90	84	89	90	89	87	81	79	85	85	90	90	93	93	88	77	72	77	80	87	84	92	92	87	95	91	86	86	87	95	....	86.4
	Minimum	66	69	68	65	72	68	66	66	70	72	72	72	71	74	62	60	61	60	61	64	70	70	73	70	72	73	68	63	58	67	....	67.4
Orangeburg	Maximum	90	88	92	95	94	84	84	77	86	89	90	89	94	96	78	74	71	73	81	87	87	94	93	88	87	93	87	82	89	99	....	87.0
	Minimum	65	65	69	71	70	66	65	65	69	71	70	71	69	73	70	59	62	58	60	72	69	69	70	70	72	71	68	66	57	66	....	67.3
Society Hill§§	Maximum	88	72	86	84	88	78	....	77	85	86	83	90	92	93	70	77	70	66	80	87	84	92	92	88	89	94	80	83	90	98	....	[3]84.2
	Minimum	66	64	65	62	62	65	59	59	64	65	71	72	67	67	68	58	60	57	57	61	65	66	70	68	70	72	67	58	55	59	....	64.0
Summerville	Maximum	91	86	93	94	95	85	82	76	82	87	88	88	93	....	....	....	....	....	....	....	83	....	91	....	....	....	....	....	88	95	....	.....
	Minimum	67	69	72	73	71	67	66	66	70	73	72	71	70	....	....	....	....	....	....	....	71	....	71	....	....	....	56	....	64	....	....	.....
Wedgefield	Maximum	88	84	90	90	90	85	80	79	83	85	88	87	92	92	89	76	70	69	80	87	84	90	90	86	88	90	85	84	92	98	....	85.7
	Minimum	66	64	68	65	70	68	65	66	70	72	71	72	69	74	60	60	61	58	59	68	68	68	72	70	72	72	68	67	63	60	....	66.9
Yemassee	Maximum	93	88	96	99	99	89	92	79	88	86	86	90	95	96	90	73	77	83	87	87	88	91	93	91	89	93	88	86	87	98	....	89.2
	Minimum	64	70	71	73	70	70	65	65	68	71	69	69	68	72	67	60	63	62	61	69	70	68	68	69	70	70	73	65	55	63	....	67.3
Western Portion.																																	
Aiken	Maximum	95	88	92	92	95	92	82	80	84	87	85	87	92	92	91	73	72	70	85	85	89	91	90	88	85	90	84	84	89	97	....	86.9
	Minimum	62	66	69	70	72	68	67	66	68	71	70	69	68	71	59	57	62	58	62	69	70	68	69	68	71	69	65	68	67	68	....	66.9
Anderson	Maximum	85	77	88	88	89	77	75	79	82	87	87	78	93	88	75	70	67	65	82	83	83	87	87	84	86	90	84	84	91	98	....	83.0
	Minimum	62	65	64	62	66	64	59	63	66	70	70	70	67	65	58	57	58	56	60	60	68	67	67	67	71	66	65	63	65	70	....	64.4
Caesar's Head	Maximum	76	68	78	76	75	68	61	69	73	78	78	74	83	82	63	64	55	68	77	78	69	76	78	76	78	79	71	76	78	89	....	73.8
	Minimum	63	56	57	57	58	58	58	56	58	63	64	60	73	69	60	48	52	50	50	58	60	60	67	64	65	68	59	60	63	69	....	60.1
Calhoun Falls§§	Maximum	88	86	90	94	94	84	78	83	87	90	88	88	96	98	76	78	68	67	85	87	90	90	90	85	88	90	85	86	91	101	....	86.7
	Minimum	62	65	62	64	66	62	62	62	62	66	69	70	67	69	67	56	58	57	57	62	64	65	68	68	70	68	67	66	66	69	....	64.5
Camden§§	Maximum	92	84	90	92	86	82	...	...	...	...	...	94	93	91	....	....	76	73	....	90	...	96	96	....	....	....	86	82	89	100	....	.....
	Minimum	64	63	66	63	66	64	67	65	67	70	71	75	68	70	68	61	63	57	58	60	68	70	71	70	73	75	65	63	60	64	....	66.1
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	87	80	87	83	87	77	73	80	80	88	90	82	93	90	78	72	70	68	84	84	82	89	87	85	89	91	90	85	92	99	....	84.1
	Minimum	59	65	63	62	58	60	59	61	64	69	66	68	64	67	60	57	60	56	61	60	65	66	67	67	68	65	65	62	62	65	....	63.0
Columbia	Maximum	92	83	91	90	90	80	77	78	83	84	91	88	94	94	74	78	74	72	83	88	84	92	92	87	87	92	77	84	92	101	....	85.7
	Minimum	66	66	70	65	71	67	64	68	68	72	73	71	70	70	58	60	58	59	60	68	70	69	70	70	73	72	69	65	63	71	....	67.2
Due West	Maximum	87	75	89	88	87	81	75	81	82	87	89	79	94	92	70	70	66	65	82	83	83	88	88	84	86	90	78	82	91	99	....	83.0
	Minimum	61	66	66	63	66	62	60	65	65	70	69	70	66	68	59	55	55	55	60	66	68	67	67	68	71	67	66	63	63	68	....	64.5
Greenville	Maximum	84	72	83	83	84	74	70	75	78	85	88	75	92	86	71	71	67	64	82	82	77	87	85	86	85	88	79	83	93	99	...	80.9
	Minimum	63	64	65	61	68	59	58	63	67	69	68	65	66	70	57	57	59	56	59	66	65	66	68	67	70	66	64	64	68	74	....	64.4
Greenwood	Maximum	93	91	79	90	89	92	87	75	80	83	87	89	81	95	91	72	74	65	67	83	86	86	90	89	85	98	90	82	86	94	....	85.0
	Minimum	62	63	66	62	63	65	59	66	65	70	70	70	67	70	67	55	59	55	57	61	66	67	68	67	70	68	65	61	62	69	....	64.5
Heath Springs	Maximum	85	68	86	78	84	75	72	74	82	85	87	79	89	91	66	72	67	60	77	85	84	90	91	85	71	96	78	82	90	97	....	80.7
	Minimum	65	62	64	60	65	55	58	63	62	71	71	70	68	71	55	54	52	56	59	61	65	65	69	65	81	70	65	59	58	71	....	63.7
Hogback Mountain	Maximum	74	65	78	73	73	67	68	65	72	77	81	75	82	79	66	63	59	58	75	75	69	77	78	76	77	78	73	76	84	90	....	73.4
	Minimum	61	55	59	55	59	53	52	56	60	63	64	65	64	64	51	48	53	49	52	58	57	62	64	63	62	64	54	58	60	68	....	58.4
Kershaw	Maximum	89	73	85	85	85	78	78	76	85	86	92	88	93	95	72	72	69	65	82	86	84	92	92	89	86	92	84	86	94	102	....	81.2
	Minimum	65	62	65	61	66	64	58	64	64	72	70	72	68	70	55	54	61	60	57	63	66	68	70	68	72	70	67	58	59	72	....	64.7
Landrum	Maximum	83	75	85	81	85	82	72	75	82	84	90	82	90	81	74	72	70	65	85	85	75	86	88	86	87	90	87	86	94	101	....	82.6
	Minimum	66	61	64	61	66	61	57	64	65	70	66	66	67	65	59	56	61	56	57	61	63	67	67	66	66	66	63	59	62	73	....	63.4
Laurens	Maximum	90	80	90	83	85	82	77	82	85	90	93	82	96	95	79	72	70	65	83	87	85	90	90	87	89	93	80	89	93	99	....	85.4
	Minimum	63	66	67	62	64	66	60	65	64	71	71	70	66	70	59	55	61	56	59	63	70	68	68	67	71	67	66	61	61	66	....	64.8
Little Mountain	Maximum	90	78	89	89	90	81	74	79	83	87	89	86	95	93	85	72	69	65	83	86	84	90	90	89	91	80	89	91	100	....	85.2
	Minimum	62	61	68	61	62	60	59	62	64	69	68	69	67	69	67	55	60	55	57	64	67	69	67	66	67	67	65	61	65	70	....	64.1
Newberry	Maximum	91	82	90	86	90	82	74	82	83	87	90	86	96	94	74	72	66	68	82	88	86	91	90	87	88	91	87	93	99	....	85.0
	Minimum	64	64	68	64	66	61	60	66	65	72	72	72	67	70	58	56	59	56	59	65	71	68	68	69	72	70	67	61	60	68	....	65.3
Saluda	Maximum	85	76	92	93	86	86	79	77	77	85	88	89	92	95	75	72	62	64	84	85	91	86	83	85	87	79	79	84	91	98	...	83.5
	Minimum	62	64	68	64	66	63	61	66	66	71	71	72	67	71	60	58	61	58	60	69	68	69	70	72	69	68	68	61	58	66	....	65.6
Santuck	Maximum	89	74	88	82	87	81	72	81	83	88	91	84	95	93	80	73	68	64	84	88	85	90	90	87	90	94	81	86	94	102	....	84.8
	Minimum	61	64	65	62	65	61	59	63	62	71	71	72	64	70	60	53	61	57	56	60	66	67	69	65	72	68	66	57	56	66	....	63.5
Spartanburg	Maximum	76	84	85	82	84	76	70	76	84	86	87	74	87	87	70	68	67	65	81	87	78	88	87	85	86	87	86	94	88	98	...	81.8
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Trenton	Maximum	96	87	91	92	94	90	80	82	86	86	86	85	96	92	73	72	69	67	84	85	86	92	92	85	86	90	87	87	94	101	....	86.4
	Minimum	64	67	69	65	71	69	64	65	68	70	70	69	70	70	60	57	57	58	60	67	67	66	69	69	71	70	64	64	69	70	....	66.1
Walhalla	Maximum	84	74	86	88	89	79	77	78	81	88	89	79	92	88	75	71	67	67	84	83	78	87	86	84	87	91	82	85	92	100	....	83.0
	Minimum	57	64	58	62	59	60	58	62	62	67	63	65	62	65	62	56	58	58	59	57	63	62	65	65	65	60	65	61	62	67	....	61.6
Winnsboro§§	Maximum	80	75	89	84	89	81	73	80	84	88	91	90	95	95	74	73	70	62	84	88	85	91	91	90	....	93	82	88	93	104	....	[3]84.9
	Minimum	63	63	65	62	63	65	59	61	65	72	71	72	67	74	69	56	61	56	56	57	67	67	69	67	69	...	66	60	60	67	....	[3]64.4
Winthrop College	Maximum	85	73	87	78	86	80	71	78	84	89	90	87	93	92	74	76	71	70	80	90	83	90	90	92	90	91	88	94	95	101	....	84.9
	Minimum	65	61	62	60	65	62	57	63	63	70	67	70	66	70	57	51	65	55	55	60	65	67	67	66	71	68	63	56	60	68	....	63.2

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 7-25-27—900

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., JULY, 1927. No. 7.

GENERAL SUMMARY.

The month was comparatively seasonable, though somewhat cooler than usual. Precipitation averaged slightly above normal.

Frequent rains were generally favorable, and all crops made good to excellent growth, though rather rank in some sections. Corn in good soil, properly tended, was especially fine, and sweet potatoes, truck, peanuts, and lesser crops in proportion. Tobacco curing continued as the month closed, and winter cereal threshing, delayed by intermittent showers, was practically finished. Peaches, melons, and all kinds of vegetables were abundant. Cotton, likewise, showed good to excellent condition, but was rather rank in spots; the crop bloomed and fruited freely, except in a rather broad curved belt from the northeastern to the west-central border, where boll weevil ravages increased materially, the pest taking the middle and top squares and young bolls generally, but was practically negligible in the Piedmont; there was comparatively little shedding from the rain effects; the first open boll reported was from near Lykesland, Richland County, on the 29th. Most crops were clear of grass as the month closed.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.05 inches. The highest pressure was 30.28 inches at Savannah, Ga., on the 12th, and in the Section proper, 30.22 inches at Charleston on the 16th and at Columbia on the 17th; the lowest pressure was 29.74 inches at Augusta, Ga., on the 2d, and in the Section proper, 29.77 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 39 stations, was 78.3°, or 1.4° below the normal. The highest temperature was 104° at Garnett on the 1st. The notably warm period was during the first three days. The lowest temperature was 55° at Hogback Mountain on the 11th. The cool period was from the 5th to the 11th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 83%; noon, 61%; 8 p. m., 77%. The highest percentages occurred on the coastal plain, and the lowest, over the north-central interior.

PRECIPITATION.

The average for the Section, 53 stations reporting, was 6.38 inches, or 0.47 inch above the normal. The month was generally showery, but distribution as to amounts and area was very irregular; in a large section of the coastal plain and in small, isolated sections of the Piedmont, the measurements ranged from 6 to over 13 inches, while in Charleston County and the major portion of the Piedmont, the amounts ranged downward from 6 inches to less than 3 inches. The greatest local monthly amount was 13.78 inches at Pinopolis; least local monthly amount, 2.65 inches at Hogback Mountain. The greatest amount during any 24 hours was 4.20 inches at Edgefield on the 18th. The average number of rainy days was 18% above normal. Light hail occurred at Hogback Mountain on the 8th and 9th and at Mars Bluff on the 2d.

Killed and Injured by Lightning and Wind.—1st, a negro killed by lightning at Chester. 6th, in Carters Section, near Chester, afternoon, Fred Sanders, negro farmer. 14th, afternoon, near Bishopville, B. K. Copeland, white youth, and Elias Brown and Mrs. Lee Cain, colored. 19th, at 10:15 p. m., near Union Station, Columbia, J. H. Dixon severely injured by lightning. 21st, evening, near Elloree, W. T. McKendree, a large tree falling on his moving automobile during a wind squall; his son was injured. 21st, at night, Tom Odom, negro farmer.

Damage by Lightning, Hail, Heavy Rains, and Wind.—4th, in Edgmoor and Rossville Section, evening, heavy rains, hail, and wind; damage estimated at $10,000 in an area of about 3 square miles. 4th, in Borden Section, near Sumter, heavy rains, hail, and wind, early night; loss approximated $8,000. 5th, 13th, and 23d, damage by wind and hail at Chester estimated at about $6,000. 13th, in Edgmoor and Lewis Turncut Section, heavy rains, wind, and hail; damage approximated $4,500. 19th, near Greenville, 2 mules killed by lightning; value, $200. 24th, Allendale, negro Baptist church damaged $2,000 by lightning. 21st, home of Tom Odom, colored farmer, who was killed by lightning, fired by lightning during same storm and burned; loss, about $500.

WIND.

The prevailing wind was from the west. The average hourly velocity, determined from 9 anemometer records, was 6.2 miles. The highest average velocity was 9.1 miles per hour at Savannah, Ga., and in the Section proper, 8.3 miles per hour Charleston; the lowest average was 3.3 miles per hour at Charlotte, N. C., and in the Section proper, 5.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 61 miles per hour from the west at Greenville on the 1st.

RIVER CONDITIONS.

Freshet conditions prevailed in the Saluda River at Chappells on the 9th and 19th. Flood stages occurred in the Santee River at Rimini from the 20th to the 25th, inclusive, and at Ferguson, from the 23d to the 28th, inclusive. Other streams showed marked rises from heavy rains at intervals, but no flood stages.

MISCELLANEOUS DATA FOR JULY, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.03	72.2	89	56	3.85	0.78	5.4	se.	90	53	75	47
Augusta, Ga.....	30.04	80.2	100	64	9.41	3.54	4.3	sw.	86	67	78	65
Charleston, S. C...	30.06	80.6	100	68	4.61	1.46	8.3	sw.	79	67	81	56
Charlotte, N. C ...	30.03	78.5	97	63	5.52	1.38	3.3	sw.	80	52	70	70
Columbia, S. C....	30.05	79.2	96	65	6.11	2.14	5.5	s.	82	58	73	64
Due West, S. C....	30.06	77.9	97	62	6.61	2.69	6.8	sw.	86	61	....	65
Greenville, S. C...	30.03	77.0	97	61	5.57	1.15	6.7	w.	83	63	73	57
Savannah, Ga.....	30.06	80.7	99	68	8.03	1.96	9.1	w	82	61	81	55
Wilmington, N. C.	30.06	77.8	93	59	6.42	2.07	6.5	sw.	83	71	82	68
Means and extremes	30.05	78.2	100	56	6.24	3.54	6.2	sw.	83	61	77	61

Climatological Data for July, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipit'on (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.	Prevailing direction of wind.	
Eastern Portion.																				
Beaufort (near)‡‡	Beaufort	21	46	80.2	−1.2	98	2	66	† 6	31	8.51	+2.40	2.00	0	14	12	10	9	s	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	77.4	−4.0	100	1	60	6	33	5.82	+0.32	1.50	0	18	8	0	23	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	80.6	−0.8	100	3	68	11	25	4.61	−2.65	1.46	0	17	6	13	12	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	77.8	−2.2	94	† 2	59	6	31	8.28	+2.18	3.09	0	11	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	37	78.9	−1.0	97	28	65	7	28	5.94	−0.71	1.28	0	17	11	0	20	sw.	Paul Quattlebaum.
Darlington††	Darlington	175	32	78.2	−1.7	94	† 3	60	6	27	3.76	−1.96	1.10	0	12	7	18	6	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	7.26	+1.14	2.75	0	9	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	79.4	−0.1	97	16	61	6	28	9.69	+3.03	2.90	0	15	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	45	80.2	−1.2	99	28	61	6	27	7.24	+1.36	1.65	0	14	13	11	7	sw.	H. K. Gilbert.
Florence 2	.....do	136	12	.....	.....	.....	.....	.....	.....	.....	9.21	+3.33	2.05	0	12	12	10	9	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	80.6	.....	104	1	60	7	36	6.56	.....	1.46	0	22	7	20	4	.....	Muner B. Robert.
Georgetown	Georgetown	18	34	81.8	+1.1	98	28	67	7	27	6.41	−1.49	1.05	0	12	27	4	0	.....	A. P. Hazard.
Kingstree	Williamsburg	54	45	78.5	−1.9	95	† 2	62	2	25	6.68	+0.10	1.36	0	17	13	1	16	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	5.44	.....	2.50	0	11	....	....	....	.....	J. L. Shaw.
Orangeburg	Orangeburg	264	11	79.3	−0.7	96	2	61	6	26	7.61	+0.44	2.82	0	16	12	12	7	e.	U. S. Fisheries Station.
Pinopolis	Berkeley	54	80	76.7	−1.2	94	† 2	64	6	.....	13.78	+6.99	3.60	0	19	....	....	....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	5.04	+2.82	1.20	0	11	....	....	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	[d]77.3	−2.3	[d]97	2	59	6	[d]27	6.19	−0.56	1.22	0	11	20	4	7	w.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	.....	.....	.....	.....	[e]60	5	.....	11.16	+4.20	4.00	0	10	....	....	....	.....	Dr. William Simons.
Wedgefield	Sumter	249	37	78.8	−0.6	94	† 2	62	6	25	5.14	+0.12	1.20	0	10	18	10	3	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	79.2	−1.5	98	† 1	60	6	32	8.40	+1.33	3.31	0	14	18	2	11	sw.	W. C. Hutson.
Division means and	extremes	.....	....	79.1	−1.3	104	1	59	6	36	7.40	+2.05	4.00	0	14	12	8	11	sw.	
Western Portion.																				
Aiken	Aiken	527	65	79.1	−1.0	98	1	63	6	26	6.11	+1.19	1.80	0	13	20	6	5	s.	Frank B. McCoy.
Anderson	Anderson	764	34	77.7	−1.8	96	† 1	62	†11	26	5.64	+0.66	1.16	0	16	21	5	5	sw.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	7.40	+2.36	2.15	0	14	....	....	....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	3	[k]71.6	.....	88	1	[k]59	9	[k]19	7.16	.....	1.40	0	9	5	9	17	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	79.2	.....	101	1	65	11	31	6.93	+1.77	1.01	0	13	14	6	11	s.	L. M. Parker.
Camden	Kershaw	222	77	79.8	−0.4	99	2	65	20	29	8.33	+3.02	2.00	0	14	....	....	....	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	4.25	−1.84	1.60	0	11	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	5.43	+0.61	1.49	0	11	....	....	....	.....	George V. Clump.
Chester	Chester	487	5	[e]79.8	.....	[e]98	1	[e]64	† 6	[e]31	7.70	.....	2.85	0	12	11	10	10	ne.	J. C. Cornwell.
Clemson College	Oconee	850	35	77.4	−0.1	97	† 1	61	24	31	6.44	+1.16	2.35	0	15	3	26	2	w.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	79.2	−1.7	96	28	65	19	25	6.11	+0.05	2.14	0	16	5	17	9	s.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	3.68	.....	1.22	0	12	....	....	....	.....	Broad River Power Co.
Due West	Abbeville	711	13	77.9	−1.3	97	2	62	11	26	6.61	+2.03	2.69	0	17	4	19	8	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	9.60	+4.18	4.20	0	9	....	....	....	....	D. W. Sharpe.
Gaston Shoals ‡‡	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	3.74	-0.81	0.86	0	12	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	77.0	+0.1	97	1	61	10	29	5.57	+0.15	1.15	0	18	3	17	11	w.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	78.3	−0.7	99	1	62	† 8	29	5.55	+0.34	2.80	0	10	19	0	12	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	76.8	−2.5	95	28	60	6	27	5.25	+0.24	1.05	0	11	5	8	18	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	70.6	.... ..	88	† 1	55	11	26	2.65	.....	0.73	0	15	13	18	0	w.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	78.4	−0.6	97	2	61	6	34	4.93	−1.37	1.98	0	14	11	3	17	w.	John W. Hamel.
Landrum	Spartanburg	1063	12	77.5	+0.4	97	1	61	11	28	4.52	−2.98	0.91	0	8	15	15	1	w	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	79.4	.....	99	2	62	6	31	7.30	.....	1.97	0	14	19	12	0	w.	L. G. Roff.
Little Mountain	Newberry	711	34	78.2	−1.8	96	2	60	6	28	8.72	+3.94	2.50	0	11	15	8	8	w.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	5.18	.....	1.48	0	10	....	....	....	.....	Broad River Power Co.
Newberry	Newberry	502	23	79.4	−1.3	97	† 1	62	6	28	4.35	−0.31	0.84	0	14	10	18	3	w.	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	5.50	−0.07	1.08	0	15	....	....	....	.....	Joshua Y. Jones.
Salnda	Salnda	536	25	78.0	−2.1	94	29	59	6	26	6.54	+0.76	1.76	0	17	9	21	1	sw.	W. S. Crout.
Santuck	Union	512	34	78.4	−1.2	98	† 1	60	6	33	4.72	−0.41	0.91	0	14	8	22	1	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	.....	.....	97	1	.....	.....	.....	5.42	−0.30	1.20	0	9	21	4	6	.....	M. H. Daniel.
Trenton	Edgefield	620	34	80.0	−0.2	100	1	62	† 5	33	6.06	+0.56	1.28	0	10	7	17	7	sw.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	76.2	−0.9	99	1	58	†24	36	3.73	−1.28	0.66	0	14	14	16	1	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	33	[b]79.2	−0.4	[b]98	2	[b]63	6	[b]29	4.82	−0.55	2.00	0	14	9	19	3	sw.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	78.6	−0.6	99	29	60	7	32	4.37	−1.00	1.79	0	12	6	25	0	s.	W. T. Clawson.
Division means and	extremes	.....	....	77.8	−1.5	101	1	55	11	36	5.77	+0.42	4.20	0	13	12	13	6	w.	
Section means and	extremes	.....	....	78.3	−1.4	104	1	55	11	36	6.38	+0.47	4.20	0	13	12	11	8	w.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T. Precipitation is less than 0.01 inch of rain or melted snow.

ERRATA.

June, 1927.--Ferguson, Maximum temperature, Page 22, should be 99 on 22d.

Daily Precipitation for July, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort(near).	Coast	....	.58	....	.50	....	....	....	.06	T.	1.80	....	....	.92	.30	.15	....	....	.25	.10	T.	....	....	.12	.06	2.00	.15	1.52	....	....	....	....	8.51
Blackville ‖‖	Edisto	....	.55	.15	.10	.10	....	....	.10	.30	.20	....	.30	....	....	.10	1.50	....	....	.50	.20	...	.30	.40	.10	.50	.30	.12	....	....	....	....	5.82
Charleston ***	Coast	....	....	.27	.16	....	....	....	.33	.02	1.90	....	T	.12	.38	1.13	.35	...	T.	.01	....	....	.01	.03	.53	.15	.09	.01	.02	...	T.	....	4.61
Cheraw ‖‖	Pee Dee	....	T.	.08	....	.14	....	....	.59	1.07	.77	.18	T.	....	....	T.	....	....	T.	1.42	....	3.09	.16	....	.12	....	....	....	.66	....	....	....	8.28
Conway ‖‖	Waccamaw	....	.11	.11	.26	1.48	....	....	....	.45	.03	.32	....	.09	T.	.26	....	....	.27	.40	....	....	1.25	.11	.14	....	.47	T.	....	.13	....	03	5.94
Darlington ‖‖	Pee Dee	....	....	.47	....	.75	....	....	.09	....	....	.62	.14	....	....	....	....	....	.11	1.10	.05	....	.05	.03	.25	....	T.	....	.10	....	....	....	3.76
Effingham ‖‖	Lynches	...	....	2.75	....	1.00	....	....	.16	.96	...	.51	.06	....	....	T.	....	.12	.40	1.30	....	....	T.	T.	....	....	T.	....	T.	....	....	....	7.26
Ferguson ‖‖	Santee	....	....	.72	1.08	.82	....	....	....	.07	....	.63	....	.28	.20	2.90	....	....	.65	.29	....	....	.82	....	.12	T.	.15	.75	.26	....	....	....	9.69
Florence 1 ‖‖	Pee Dee	....	....	.43	....	.67	....	...	.23	1.52	....	.43	....	....	.03	....	.06	....	.06	.72	....	....	.03	.04	1.65	....	....	....	.83	....	....	.54	7.24
Florence 2 ‖‖	.....do	....	....	.85	....	1.20	....	.18	....	1.95	....	....	.59	....	.18	.52	T.	....	....	1.20	.17	....	....	....	2.05	....	....	....	.27	....	....	.15	9.21
Garnett	Savannah	.07	.03	.05	.05	.02	....	....	....	.17	.98	....	....	1.46	.15	.05	.55	.05	1.44	.06	.72	.11	.02	.01	.02	.44	.06	.05	T.	....	....	....	6.56
Georgetown	Coast	1.05	....	.70	....	....	....	....	.91	T.	.43	....	.51	.10	T.	T	.25	T	....	....	....	....	....	.10	.25	.78	.78	.25	....	....	....	....	6.41
Kingstree ‖‖	Black	....	....	1.00	.75	.83	....	....	.10	.45	.03	1.36	....	.20	.15	.10	....	.30	.20	.30	T.	....	....	....	.13	....	.33	.05	....	....	....	.40	6.68
Mars Bluff	Pee Dee	....	....	2.50	....	....	....	....	.09	.15	....	.52	....	....	....	.04	.27	....	.10	.45	....	....	....	....	.80	....	....	....	.24	....	....	.28	5.44
Orangeburg	Edisto	....	.17	....	.30	T.	....	....	.58	.70	....	.71	.07	....	.05	.11	T	....	....	.23	.81	.19	2.82	T.	.04	T.	.06	.31	.46	....	....	....	7.61
Pinopolis	Cooper	.07	.10	1.50	....	....	....	....	....	.10	3.60	....	.42	.40	.80	.20	....	.22	1.00	....	.20	.10	.05	.07	.35	2.00	2.00	.60	....	....	....	....	13.78
Rimini ‖‖	Santee	...	.15	.15	.18	.45	....	....	...	1.20	....	.45	.20	....	....	.35	....	....	....	.63	.43	....	....	....	....	....	.65	.20	....	....	....	....	5.04
Society Hill ‖‖	Pee Dee	....	1.05	.98	....	.50	....	....	.29	.86	....	.18	.27	....	....	....	....	....	....	1.22	....	....	.66	....	.13	....	....	....	.05	....	....	....	6.19
Summerville	Ashley	....	....	.15	.70	....	....	....	....	....	2.05	....	....	.58	....	.42	.20	...	1.00	....	....	....	....	.06	4.00	2.00	....	....	....	....	....	....	11.16
Wedgefield	Wateree	....	.30	....	.80	....	....	....	....	....	.70	.30	....	....	....	.35	....	....	1.20	.21	.28	.25	....	.75	....	T.	T.	....	....	....	....	....	5.14
Yemassee ‖‖	Ashepoo	....	1.78	....	.81	.28	....	....	....	T.	....	.36	....	3.31	....	.22	..	.38	.23	.32	.06	.09	.37	....	....	.02	.22	...	....	....	....	....	8.40
Western Portion.																																	
Aiken	Edisto	.27	....	.11	....	....	.75	.30	....	....	.23	.30	.10	.60	.02	.73	....	1.80	....	....	....	....	....	....	.11	.19	....	....	....	....	....	....	6.11
Anderson	Savannah	...	.09	....	.03	....	.22	.54	.06	....	.79	....	.19	....	....	.47	1.11	.04	.05	....	1.16	.06	.30	....	....	....	....	....	.10	....	.43	5.64
Blairs ‖‖	Broad	...	.63	.04	....	.28	....	....	1.83	2.15	....	.23	....	....	.10	.40	.20	.50	....	.28	.37	....	.37	.02	....	....	....	....	....	....	....	....	7.40
Caesar's Head	Saluda	..	....	....	....	....	....	.25	.30	....	....	1.24	....	....	1.25	.41	....	....	.78	.14	....	1.40	.30	....	....	....	....	....	....	....	....	....	7.16
Calhoun Falls ‖‖	Savannah	....	....	....	....	.75	....	....	.92	.19	....	.47	1.01	...	.68	.46	.53	.52	.25	.48	....	....	T.	.38	.25	....	.04	....	....	....	....	....	6.93
Camden ‖‖	Wateree	....	....	....	....	.02	....	....	.15	.35	.08	.14	.25	....	.50	1.50	....	....	.60	.70	1.04	2.00	.60	....	....	....	....	....	....	....	....	.40	8.33
Catawba ‖‖	Catawba	....	....	....	....	.18	....	....	.96	1.60	....	....	....	....	.15	.20	.15	....	....	.44	.15	....	.20	.12	....	....	....	....	....	....	.10	....	4.25
Chappells ‖‖	Saluda	....	....	.07	....	.20	....	....	1.06	.22	....	.14	.20	....	.83	....	.02	..	.58	1.49	....	....	....	.62	....	....	....	....	....	....	....	....	5.43
Chester	Broad	1.09	.30	....	....	.50	....	....	....	2.85	.10	....	....	1.00	.65	T.	....	....	....	*	*	*	*	1.30	....	....	....	....	....	....	....	....	7.70
Clemson College	Savannah	....	....	....	....	....	....	.29	.25	.06	.03	1.78	....	.21	.08	....	.28	2.35	....	.16	.04	.38	....	.07	....	....	....	....	.47	....	....	.09	6.44
Columbia ***	Congaree	.14	.48	....	.03	....	....	.07	.40	.21	.02	.05	.10	.34	1.08	T.	....	....	2.14	.89	T.	.08	T.	.01	....	T	....	....	....	T.	....	.07	6.44
Crescent	Enoree	....	.63	....	.02	....	...	.44	.02	...	1.22	.01	....	.21	....	.34	....	.12	.25	....	....	.14	.05	....	....	....	.02	....	....	....	....	.28	6.11
Due West ***	Savannah	.22	.01	....	1.03	.08	....	1.27	1.43	T.	T.	.91	T.	.85	.04	.13	.05	.06	.22	....	....	.01	.17	....	....	....	....	....	....	....	....	.11	3.68
Edgefield ‖‖	Savannah	....	.45	....	....	....	....	....	1.90	.90	....	.45	....	....	....	....	....	.45	.45	4.20	....	....	....	.40	....	....	....	....	.40	....	....	....	6.61
Gaston Shoals ‖‖	Broad	....	.09	....	....	.35	....	....	.14	.50	....	.63	....	....	.05	.67	.30	.56	.28	.03	....	....	....	.14	....	....	....	....	....	....	....	....	9.60
Greenville ***	Saluda	.12	....	....	.06	....	....	.24	.28	....	.76	.18	.35	.12	.08	1.15	T.	.45	.49	.18	....	.38	.62	.01	....	....	T.	....	....	T.	....	.19	3.74
Greenwood ‖‖	.....do	....	.11	.16	....	.34	....	....	2.80	.16	....	.69	....	....	.26	....	.38	....	....	1.06	.03	....	....	.50	....	....	....	....	....	....	....	....	5.57
Heath Springs	Wateree	....	....	....	.23	....	....	....	....	1.05	.49	....	.36	.83	.71	....	....	....	.18	.55	....	.11	....	.54	....	....	....	....	....	....	....	.20	6.49
Hogback Mountain	Broad	....	....	....	.13	....	....	....	.29	.25	.22	.73	....	....	.26	....	.15	....	.02	.03	....	.01	.35	....	....	....	.01	....	.12	.04	....	.04	5.25
Kershaw ‖‖	Lynches	....	....	.03	....	.18	....	....	.03	.20	....	.51	....	....	.38	1.98	....	....	....	.21	.96	.04	.06	.02	.21	....	....	....	.12	....	....	....	2.65
Laudrum	Broad	....	....	....	.91	....	....	.49	....	.78	.64	.48	....	.21	....	....	....	....	....	....	....	.36	.65	....	....	....	....	....	....	....	....	....	4.98
Laurens	Saluda	....	.06	....	....	....	....	....	1.97	.02	....	.28	.08	.60	.08	.02	1.28	.75	1.46	....	....	.61	....	....	....	....	....	....	.06	....	....	.08	4.52
Little Mountain	Saluda	.36	....	....	....	2.25	....	....	.65	.70	.50	.55	....	....	2.50	....	....	.47	.30	.28	T	....	....	.16	....	....	....	....	....	....	....	....	7.30
Lockhart	Broad	....	1.48	....	....	.45	....	....	....	1.20	....	....	....	....	.25	.45	.30	.35	....	....	....	....	.85	.15	....	....	....	....	....	....	....	....	8.72
Newberry	Saluda	....	....	.07	.15	.12	....	T.	.54	.35	....	.13	....	....	.84	.31	.37	T.	.82	....	.36	.06	T.	.10	....	....	....	....	....	....	....	.13	5.18
Pelzer ‖‖	.....do	....	.08	.04	.02	.58	....	....	.80	.48	....	1.08	.16	....	.74	.08	.34	....	.36	.04	....	....	.56	.14	....	....	....	....	....	....	....	....	4.35
Saluda	.....do	....	....	.04	....	.04	....	.04	.98	.17	T.	.22	.16	....	.23	.04	.85	....	1.76	.21	.49	.25	....	1.04	....	.01	....	....	....	....	....	.01	5.50
Santuck	Broad	.04	.37	....	....	.21	....	T.	.16	.05	.33	.10	....	.91	.63	.60	.25	T.	.30	.48	....	....	....	....	....	....	T.	....	....	T.	....	.29	6.54
Spartanburg ‖‖	.....do	....	....	.40	....	....	....	....	1.07	1.20	....	.10	....	....	1.20	.40	.25	.20	....	.60	....	....	....	....	....	....	....	....	....	....	....	....	4.72
Trenton	Edisto	....	.41	....	....	....	....	....	.85	.92	....	.27	.25	....	.45	1.25	.70	T.	1.28	....	....	T.	T.	T.	.18	T	T.	....	....	....	....	T.	5.42
Walhalla	Savannah	....	....	....	....	....	....	.26	.66	....	.21	.57	T.	.35	....	.21	.17	.21	.05	.30	....	.34	....	.20	....	....	....	....	....	....	.07	.13	6.06
Winnsboro ‖‖	Broad	....	.04	.02	....	.45	....	....	.55	.53	....	.18	....	....	.20	.30	.07	T.	....	.19	2.00	.19	.06	.04	....	....	....	....	....	....	....	....	3.78
Winthrop College	Catawba	....	.53	....	....	.11	.25	.24	.21	1.79	....	.09	....	....	....	....	....	.15	.16	.40	....	.33	....	.11	....	....	....	....	....	....	....	....	4.82
																																4.37

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR JULY.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	82.0	110	60	7.49	14	.....	.....	.....	.....
1888	78.9	108	53	3.68	8	.....	.....	.....	sw.
1889	79.5	102	51	7.13	13	.....	.....	.....	sw.
1890	78.4	104	52	6.88	12	.....	.....	.....	sw.
1891	77.9	93	56	5.95	.....	.....	.....	.....	sw.
1892	78.9	102	51	7.44	.....	.....	.....	.....	sw.
1893	82.0	104	60	3.87	9	13	14	4	sw.
1894	77.7	100	55	8.24	16	8	12	11	sw.
1895	79.5	102	54	4.17	8	10	15	6	sw.
1896	80.7	105	51	8.17	13	10	13	8	sw.
1897	80.2	107	54	5.01	11	13	12	6	sw.
1898	80.0	102	54	7.81	14	10	10	11	sw.
1899	80.0	105	47	4.03	9	12	11	8	sw.
1900	81.2	104	55	4.08	9	14	11	6	sw.
1901	81.4	102	62	4.52	10	12	12	7	sw.
1902	80.8	107	58	3.79	9	15	11	5	sw.
1903	80.4	103	45	3.59	8	18	9	4	sw.
1904	79.4	105	50	5.96	12	13	12	6	sw.
1905	80.4	101	60	6.16	12	13	10	8	sw.
1906	78.4	100	56	8.40	16	5	17	9	sw.
1907	81.4	106	56	5.06	11	13	13	5	sw.
1908	79.8	100	60	5.43	12	12	13	6	s.
1909	78.6	104	55	4.92	10	13	12	6	sw.
1910	79.4	102	58	5.83	13	9	15	7	sw.
1911	79.8	102	53	3.79	10	12	13	6	sw.
1912	79.6	102	58	5.22	11	14	10	7	sw.
1913	81.9	109	56	4.78	9	15	9	7	sw.
1914	80.0	107	52	5.16	9	14	13	4	sw.
1915	80.9	106	55	3.26	8	18	10	3	sw.
1916	77.8	99	60	14.69	17	5	12	14	sw.
1917	79.9	102	52	6.56	12	14	9	8	sw.
1918	77.5	103	50	5.02	11	15	9	7	sw.
1919	79.3	103	51	8.86	13	13	8	10	s.
1920	78.9	102	53	5.60	11	13	10	8	sw.
1921	79.6	101	60	7.44	14	9	13	9	e.
1922	79.9	101	58	7.20	13	12	13	6	sw.
1923	79.0	104	57	4.50	9	15	8	8	sw.
1924	78.6	103	56	6.93	12	14	9	8	w.
1925	81.5	106	56	3.19	6	15	11	5	s.
1926	80.5	108	45	6.24	10	14	10	7	sw.
1927	78.3	104	55	6.38	13	12	11	8	w.
Period	79.7	108	45	5.91	11	13	11	7	sw.

Daily Temperatures for July, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	93	98	99	86	81	85	87	85	87	85	90	92	93	91	88	87	89	87	87	90	87	90	86	91	84	90	92	92	92	92	91	89.3
	Minimum	75	68	70	70	71	66	66	72	70	68	72	72	69	71	73	70	72	70	70	70	70	72	74	75	71	74	73	69	74	74	73	71.1
Blackville	Maximum	100	95	98	95	87	83	91	93	85	89	85	93	85	89	86	83	83	82	75	80	80	82	80	79	80	82	89	89	97	94	94	87.2
	Minimum	75	65	70	70	65	60	66	66	67	65	65	67	65	67	69	68	67	69	67	65	67	67	70	69	70	70	70	69	67	70	69	67.6
Charleston	Maximum	87	95	100	84	80	82	84	86	82	86	87	90	89	88	86	83	86	87	87	87	87	84	85	85	89	83	86	91	94	89	91	89	87.2
	Minimum	76	75	75	75	73	72	73	73	74	69	68	76	73	73	72	73	78	74	76	73	75	76	76	75	74	73	74	75	73	77	78	74.1
Cheraw§§	Maximum	89	94	92	89	85	88	90	88	87	83	92	89	92	84	91	91	92	79	87	87	84	91	89	85	85	88	90	94	93	94	92	88.8
	Minimum	71	67	69	68	65	59	64	64	68	67	64	66	69	67	66	68	68	71	65	64	66	65	71	64	65	68	68	65	69	70	72	66.9
Conway	Maximum	85	93	94	91	84	85	87	86	85	88	90	90	86	83	87	87	87	88	85	90	89	88	85	87	83	87	91	97	93	95	94	88.4
	Minimum	71	66	69	69	66	68	65	68	71	68	67	70	70	71	69	69	68	71	71	66	69	68	68	72	72	71	71	70	70	73	73	69.4
Darlington§§	Maximum	86	94	87	90	80	87	88	86	87	88	87	87	89	84	89	89	87	79	86	89	90	88	87	87	86	88	91	94	93	92	92	88.0
	Minimum	71	69	69	69	65	60	66	65	68	69	67	67	70	69	68	69	69	72	68	66	68	67	71	67	67	70	71	69	70	73	74	68.5
Ferguson§§	Maximum	92	95	96	86	82	87	89	82	88	84	91	91	90	92	88	97	91	81	88	90	90	90	88	89	83	86	90	95	92	92	93	89.3
	Minimum	70	70	70	76	69	61	64	70	67	68	63	69	71	70	69	69	71	69	71	66	69	68	72	76	72	72	70	67	70	77	72	69.6
Florence 1	Maximum	91	95	96	92	85	91	94	91	87	86	88	94	93	90	93	89	95	87	89	91	90	93	89	84	85	87	87	99	97	93	94	90.8
	Minimum	71	70	69	71	66	61	66	68	69	70	66	69	70	69	68	69	70	72	70	66	70	69	74	70	70	72	73	69	71	74	72	69.5
Garnett	Maximum	104	102	100	94	81	91	93	88	92	86	96	94	94	96	91	90	90	86	85	94	91	92	92	92	86	91	95	97	95	96	98	92.6
	Minimum	68	68	73	75	70	75	60	68	68	67	64	64	68	67	68	68	68	68	69	68	67	70	70	71	72	70	70	68	67	69	70	68.7
Georgetown	Maximum	90	97	96	88	88	86	92	89	89	90	90	95	91	81	88	88	84	91	91	92	93	92	92	93	95	94	93	98	96	93	95	91.2
	Minimum	70	70	75	70	70	74	67	71	72	68	70	75	72	72	71	70	74	74	74	70	70	70	73	78	70	72	72	77	77	73	76	72.2
Kingstree	Maximum	92	95	91	87	81	83	86	85	85	85	87	90	88	82	85	85	85	84	85	89	88	89	84	87	81	86	89	95	93	93	92	87.3
	Minimum	72	70	69	70	68	62	65	69	69	69	65	69	71	70	68	70	70	71	70	68	70	70	73	73	72	72	70	70	71	72	73	69.7
Orangeburg	Maximum	90	96	95	91	82	90	91	85	86	87	91	91	91	93	90	88	91	81	88	89	90	88	88	88	83	85	91	94	94	93	94	89.5
	Minimum	73	71	70	71	69	61	63	67	67	69	65	69	70	71	70	69	70	71	68	66	67	67	72	72	[a]73	72	70	68	70	70	72	69.1
Society Hill§§	Maximum	87	97	90	82	83	86	88	85	85	79	....	87	....	....	90	89	88	73	85	88	87	87	88	85	85	88	90	93	94	94	....	[a]87.3
	Minimum	70	69	70	69	67	59	62	65	67	68	66	67	67	68	62	68	69	72	67	65	65	65	68	67	71	69	69	69	64	70	73	67.3
Summerville	Maximum	89	...	92	81	80	79	80	84	82	76	90	85	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	71	....	70	70	60	62	64	69	70	67	64	69	69	69	68	68	69	70	70	67	68	68	72	73	72	70	70	70	...	...	72	[a]68.6
Wedgefield	Maximum	92	94	94	88	84	85	88	84	87	85	88	88	90	88	89	88	88	84	86	87	88	88	86	86	84	85	88	93	92	90	90	88.0
	Minimum	72	70	69	72	68	62	66	67	68	70	65	68	70	70	69	68	70	72	67	65	68	69	72	72	72	72	71	73	72	72	73	69.5
Yemassee	Maximum	98	98	96	88	78	86	87	86	89	88	92	92	91	92	87	88	89	[a]88	68	67	68	69	70	70	72	71	70	70	67	70	71	68.3
	Minimum	71	66	70	70	69	60	62	70	70	68	64	68	67	67	68	68	69															
Western Portion.																																	
Aiken	Maximum	98	96	96	91	84	87	90	80	83	83	88	89	86	90	90	87	89	85	86	87	88	88	87	90	86	86	89	94	92	91	94	88.7
	Minimum	73	71	73	71	69	63	68	66	67	75	68	68	70	69	70	69	72	69	68	66	69	69	67	71	69	71	69	71	68	70	75	69.5
Anderson	Maximum	96	96	91	89	78	86	87	80	82	85	85	85	86	89	90	85	85	84	87	86	88	82	88	84	85	86	92	91	92	89	88	87.0
	Minimum	72	72	70	71	67	66	74	66	65	67	62	67	67	67	69	69	76	71	68	68	69	62	68	65	67	69	67	69	70	71	70	68.4
Caesar's Head	Maximum	88	82	80	80	70	75	77	73	73	78	77	78	80	82	80	78	75	75	79	78	71	72	83	75	75	77	81	84	85	87	79	78.3
	Minimum	73	74	....	66	61	61	....	63	59	60	....	68	....	....	68	67	66	70	65	65	66	63	64	....	....	65	66	....	....	....	....	....	[a]65.0
Calhoun Falls§§	Maximum	101	100	96	92	80	88	87	82	85	88	90	87	88	92	92	89	88	89	90	90	90	89	89	86	87	90	94	94	95	95	94	90.2
	Minimum	70	71	70	69	68	66	67	67	67	67	65	67	68	67	67	69	71	71	69	67	68	68	69	66	66	68	68	69	69	68	70	68.1
Camden§§	Maximum	98	99	96	97	83	88	92	87	90	90	92	91	94	95	86	93	90	78	88	92	83	86	82	81	80	81	93	96	98	96	94	90.0
	Minimum	76	76	68	65	67	65	68	68	67	71	69	66	69	68	68	70	75	75	68	65	66	68	71	67	70	70	70	71	75	74	76	69.7
Chester	Maximum	98	96	96	95	85	89	89	90	90	90	90	94	94	93	93	93	94	....	....	....	....	....	93	93	94	94	93	95	95	96	96	[a]93.0
	Minimum	70	71	70	69	67	64	64	65	65	64	65	66	68	68	66	68	67	....	....	....	....	....	65	64	66	66	64	65	65	68	70	[a]66.5
Clemson College	Maximum	97	97	92	91	79	85	87	81	83	86	84	89	87	91	91	87	85	87	89	88	88	89	89	85	86	89	93	95	94	91	88	88.5
	Minimum	67	69	66	68	67	64	65	67	64	65	62	66	67	66	67	68	71	71	66	64	67	66	66	61	64	67	64	64	66	67	70	66.2
Columbia	Maximum	91	95	92	88	83	87	90	81	87	84	90	87	91	93	88	89	89	78	86	88	88	87	89	87	83	82	93	96	98	93	92	88.4
	Minimum	72	70	71	70	70	65	69	66	68	70	66	71	71	69	70	70	72	69	65	66	67	68	72	71	73	72	71	72	72	73	75	69.9
Due West	Maximum	96	97	90	88	78	84	84	80	82	84	87	86	88	89	92	86	86	87	88	89	87	86	88	85	85	86	91	94	94	91	90	87.7
	Minimum	72	71	69	67	67	64	64	64	65	68	62	70	67	68	69	70	72	70	69	66	68	67	68	66	67	70	70	69	70	71	71	68.1
Greenville	Maximum	97	93	91	87	79	84	85	80	81	85	83	82	87	88	90	84	80	82	86	87	85	84	88	84	82	86	91	93	94	90	86	86.3
	Minimum	68	73	72	70	65	68	66	65	64	61	62	67	68	67	68	68	71	66	68	69	68	66	68	65	68	69	68	71	69	70	70	67.7
Greenwood	Maximum	99	98	97	93	90	84	87	80	79	86	85	88	86	90	90	94	91	80	85	90	91	88	86	89	89	89	89	93	94	95	92	89.0
	Minimum	76	69	69	70	67	63	67	62	64	67	62	65	66	67	69	69	71	70	68	66	68	66	68	64	66	69	70	69	70	70	70	67.6
Heath Springs	Maximum	87	90	91	90	80	88	90	79	84	77	82	86	88	86	87	86	85	77	86	87	77	85	86	86	84	84	88	95	94	92	89	86.0
	Minimum	73	70	69	69	66	60	67	66	66	67	65	66	70	66	66	70	70	72	66	63	66	65	70	64	65	68	68	71	72	72	72	67.7
Hogback Mountain	Maximum	88	88	79	81	70	77	77	73	74	75	80	77	79	81	81	76	78	75	79	79	78	72	78	78	76	82	85	88	88	85	82	79.3
	Minimum	69	69	63	64	56	62	60	58	57	61	55	63	64	61	65	62	65	66	62	63	62	61	62	60	58	61	63	63	62	64	61	62.0
Kershaw	Maximum	92	97	91	94	84	91	95	33	87	86	88	91	93	90	88	88	88	80	84	87	83	85	87	83	84	85	88	92	94	94	94	88.6
	Minimum	75	72	69	69	67	61	67	67	66	69	65	68	71	69	66	70	71	73	66	64	62	66	70	64	63	70	70	69	72	72	72	68.2
Landrum	Maximum	97	96	92	93	82	87	87	83	81	84	86	85	86	89	91	85	86	85	88	89	88	85	88	86	88	89	92	96	96	94	92	88.6
	Minimum	74	70	68	68	65	63	64	63	63	65	61	66	69	68	66	68	71	68	67	63	67	64	67	64	62	65	67	69	67	66	70	66.4
Laurens	Maximum	97	99	94	93	83	89	91	83	84	88	87	88	90	93	93	88	89	86	90	90	89	87	90	89	88	91	94	98	97	93	94	90.5
	Minimum	75	69	69	73	68	62	67	65	66	67	64	69	68	68	68	67	72	67	69	66	68	66	69	65	65	70	73	67	71	71	71	68.2
Little Mountain	Maximum	94	96	94	90	82	88	89	83	84	85	86	89	90	91	91	91	90	90	86	89	90	90	83	86	85	89	93	95	95	94	91	89.5
	Minimum	68	74	68	65	66	60	68	62	63	65	66	66	73	67	67	69	67	67	66	65	64	65	68	65	67	68	69	69	70	69	70	67.0
Newberry	Maximum	97	98	94	93	85	89	90	79	85	87	88	90	90	92	94	90	90	81	89	91	88	88	88	88	89	90	93	97	86	93	92	89.8
	Minimum	74	70	70	73	68	62	69	66	67	68	65	70	69	70	68	71	71	69	68	66	68	68	70	67	68	71	71	69	72	72	73	69.1
Saluda	Maximum	93	93	93	92	84	90	93	78	81	84	88	85	87	91	88	89	86	79	88	88	88	88	86	85	85	84	91	93	94	90	89	87.8
	Minimum	73	70	69	70	68	59	69	63	62	68	64	69	69	69	68	71	70	69	67	65	67	67	70	67	68	70	70	68	71	72	72	68.2
Santuck	Maximum	98	98	93	91	83	89	91	79	84	87	86	88	90	91	94	91	88	85	90	88	86	89	86	86	88	94	97	97	95	94	89	89.7
	Minimum	70	68	66	68	67	60	67	66	65	66	64	65	69	69	66	70	72	70	70	66	66	67	70	62	62	68	67	64	69	68	72	67.1
Spartanburg	Maximum	97	95	92	90	83	86	88	82	85	86	85	84	86	88	92	87	84	82	88	87	85	84	92	87	85	87	93	95	95	93	90	88.2
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Trenton	Maximum	100	97	93	83	83	94	91	81	83	83	94	91	91	94	91	93	94	86	91	93	95	93	92	89	84	83	92	97	98	95	95	90.9
	Minimum	77	67	79	71	62	62	68	65	66	70	63	69	69	68	69	70	70	68	68	66	68	67	66	70	71	71	77	71	71	72	73	69.2
Walhalla	Maximum	99	98	92	90	80	88	86	86	82	85	84	85	87	88	87	84	84	85	88	88	86	83	89	85	85	88	93	98	96	91	89	88.0
	Minimum	68	68	64	68	66	62	65	64	63	63	60	65	65	64	65	65	67	70	65	61	66	65	65	58	58	67	61	62	64	65	67	64.4
Winnsboro§§	Maximum	95	98	94	93	87	89	91	77	85	85	88	89	91	92	93	89	90	....	....	88	85	87	89	89	88	89	93	96	96	95	93	[b]90.1
	Minimum	72	70	69	71	67	63	67	66	66	67	65	67	69	69	67	69	70	71	....	....	66	66	69	66	68	69	69	70	72	73	72	[b]68.4
Winthrop College	Maximum	94	96	89	91	86	89	90	83	85	87	89	86	91	93	94	90	90	86	89	90	92	87	90	88	85	88	95	98	99	95	97	90.4
	Minimum	70	69	68	69	65	63	60	65	63	66	64	64	69	68	67	68	70	71	67	65	67	68	70	62	64	67	70	66	69	71	70	66.9

Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 8-24-27—900

51.05
NSC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., AUGUST, 1927. No. 8.

GENERAL SUMMARY.

The past month was the coolest August of record, except one, the daily mean temperatures having been appreciably above normal on but three dates. Precipitation averaged somewhat below normal, and was very unevenly distributed over the Section.

All crops developed satisfactorily under favorable weather conditions, until near the close of the month, when the effects of insufficient rainfall were evident in all sections, except the coastal plain. Cotton maintained generally good condition as to plant growth throughout the month, with some shedding in the Piedmont, incident to dry weather. However, weevil damage was very heavy in all districts, except the upper Piedmont, the weather having been too showery for effective poisoning. The first bale of the season was ginned at Coosawatchie, Jasper County, on August 3, and picking and ginning had reached normal activity by the close of the month. A fine crop of old corn was practically made and the late crop was vigorous. Fodder pulling made good progress. Truck, forage, peanuts, and lesser crops were generally in good condition. Some fall truck was planted and vegetables were fairly plentiful.

J. F. J.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 29.99 inches. The highest pressure was 30.19 inches at Due West on the 26th; the lowest pressure was 29.73 inches at Asheville on the 18th, and in the Section proper, 29.74 inches at Greenville on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 35 stations, was 76.1°, or 2.8° below the 41-year normal. But one previous August was cooler The highest temperature was 99° at Santuck on the 9th. There was but one warm period, from the 7th to the 9th, inclusive. The lowest temperature was 49° at Hogback Mountain on the 26th, 27th, and 28th. The cool periods were from the 10th to the 12th, from the 19th to the 20th, and from the 25th to the 29th, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 86%; noon, 63%; 8 p. m., 78%. The highest percentages occurred along the coast, and the lowest, in the northern interior.

PRECIPITATION.

The average for the Section, 51 stations reporting, was 4.34 inches, or 1.45 inches below the 41-year normal. While precipitation occurred in some part of the Section every day of the month, the major portion of the rain fell in four rather ill defined periods, and the amounts recorded were very unevenly distributed over the Section. In a large area of the coastal plain, the amounts ranged from 6 inches to over 8 inches, whereas, in the Piedmont and the central interior, the amounts ranged downward to less than one-half inch. The greatest local monthly amount was 8.84 inches at Yemassee; least local monthly amount, 0.45 inch at Edgefield. The greatest 24-hour rainfall was 4.55 inches at Yemassee on the 25th. The average number of rainy days was 10% below normal. Light hail occurred at Anderson on the 27th.

Killed by Lightning.—Robinson Burrell, a negro, near Timmonsville, about 6 o'clock in the evening, on the 18th.

UNIVERSITY OF ILLINOIS

WIND.

The prevailing wind was from the southwest. The average hourly velocity, determined from 9 anemometer records, was 6.2 miles. The highest average was 8.6 miles per hour at Savannah, Ga., and Charleston; the lowest average was 3.7 miles per hour at Charlotte, N. C., and in the Section proper, 5.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 60 miles per hour from the west at Savannah, on the 25th, and in the Section proper, 40 miles per hour from the west, at Due West on the 3d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 248.7 hours, or 60% of the possible amount. The average number of clear days was 12; partly cloudy, 10, and cloudy, 9, as against normals of 13, 11, and 7 days, respectively.

RIVER CONDITIONS.

The various rivers of the Section were at comparatively low stages throughout the month, incident to light rainfall over the watersheds.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, 14; Due West, 9; Greenville, 9.
Solar: Columbia, 9; Due West, 2, 4, 8, 9; Walhalla, 2.

Fog, dense.—Cheraw, 7; Columbia, 21; Due West, 5; Greenville, 31; Hogback Mountain, 1, 4, 9, 12, 26; Rimini, 19, 20, 21, 22, 30; Santuck, 19; Winnsboro, 2.

ERRATA.

July, 1927.—Beaufort (near), maximum temperature, page 26, should be 99 on 3d; Caesar's Head, total precipitation, pages 26 and 27, should be 6.07 inches; Georgetown, number of clear days, page 26, should be 4, partly cloudy, 27; Greenwood, mean temperature, page 26, should be 78.4, mean maximum, page 27, should be 89.3; Newberry, maximum temperature, page 26, should be 98 on 2d.

MISCELLANEOUS DATA FOR AUGUST, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	29.99	69.1	88	48	2.76	0.49	6.0	se.	91	58	74	50
Augusta, Ga.	29.98	79.0	95	59	1.71	0.65	4.2	sw.	86	65	75	72
Charleston, S. C.	29.99	79.5	95	62	8.79	3.08	8.6	sw.	84	72	82	57
Charlotte, N. C.	30.00	74.8	96	56	3.02	1.09	3.7	ne.	83	60	70	56
Columbia, S. C.	29.99	77.1	95	58	3.86	2.25	5.5	ne.	87	60	73	60
Due West, S. C.	30.02	75.8	93	55	1.74	0.99	5.6	sw.	84	56	...	70
Greenville, S. C.	29.99	74.8	93	56	2.42	1.98	7.6	ne.	84	64	72	55
Savannah, Ga.	29.99	80.2	95	60	6.20	1.92	8.6	sw.	87	63	80	58
Wilmington, N. C.	29.99	76.2	92	59	8.31	1.64	6.1	sw.	89	66	84	61
Means and extremes	29.99	76.3	96	48	4.31	3.08	6.2	sw.	86	63	78	60

Climatological Data for August, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Beaufort (near)‡‡	Beaufort	21	46	80.0	−1.1	97	24	60	29	29	4.59	−1.07	1.25	0	12	12	10	9	s	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	77.8	−2.7	98	14	56	29	33	1.50	−4.01	0.50	0	5	17	6	8	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	79.5	−1.5	95	9	62	28	22	8.79	+1.82	3.08	0	14	9	14	8	sw.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	74.4	−4.3	93	3	55	29	28	6.60	+0.27	1.21	0	11	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	37	76.9	+2.1	95	† 3	55	29	30	8.08	+1.25	1.45	0	14	11	0	20	ne.	Paul Quattlebaum.
Darlington	Darlington	175	32	.....	.....	89	9	.....	.....	.....	4.50	−0.55	1.23	0	8	....	....	....	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	3.08	−1.97	0.87	0	8	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	45	76.8	−1.6	93	† 3	52	28	31	3.76	−3.05	1.43	0	9	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	45	[a]76.9	−3.3	[a]96	9	[a]56	29	[a]34	3.79	−1.55	1.90	0	8	12	9	10	sw.	H. K. Gilbert.
Florence 2	....do	136	12	.....	.....	.....	.....	.....	.....	.....	5.08	−0.26	1.85	0	8	14	6	11	se.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	79.7	.....	98	† 4	55	29	34	6.01	.....	1.20	0	13	11	15	5	.....	Miner B. Robert.
Georgetown	Georgetown	18	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. P. Hazard.
Kingstree	Williamsburg	54	45	77.0	−2.5	94	9	56	†28	31	8.79	−2.66	3.95	0	9	19	2	10	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	4.92	.....	1.40	0	10	....	....	....	.....	Rosa R. Davis.
Orangeburg	Orangeburg	264	11	77.4	−2.3	95	† 3	54	29	32	2.80	−2.12	1.68	0	8	10	13	8	sw.	U. S. Fisheries Station.
Pinopolis	Berkeley	54	80	[1]76.8	−0.9	[b]91	8	[1]60	†28	.....	6.05	−0.33	1.75	0	7	....	....	....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	4.25	−0.77	2.25	0	5	....	....	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	[c]72.7	−5.9	[c]92	9	[c]56	29	[c]24	8.32	+2.60	2.25	0	12	18	3	10	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	.....	.....	.....	.....	[a]56	28	.....	4.41	−2.69	1.52	0	7	18	4	9	sw.	Dr. William Simons.
Wedgefield	Sumter	249	37	76.8	−1.3	92	† 3	55	28	28	7.10	+1.41	1.75	0	10	17	7	7	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	78.6	−1.3	95	15	55	29	32	8.84	+2.56	4.55	0	9	19	2	10	sw.	W. C. Hutson.
Division means and	extremes	.....	....	77.2	−2.3	98	† 4	52	28	34	5.56	−0.74	4.55	0	10	14	7	10	sw.	
Western Portion.																			
Aiken	Aiken	527	65	78.0	−0.9	94	† 8	59	†26	27	0.85	−4.42	0.29	0	5	21	4	6	nw.	Frank B. McCoy.
Anderson	Anderson	761	34	75.8	−2.6	94	8	56	†27	28	2.44	−2.46	1.26	0	8	21	4	6	w.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	4.23	−0.88	1.67	0	11	....	....	....	....	Esther B. Owens.
Cesars Head‡‡	Greenville	3118	3	69.0	.....	84	1	52	26	25	3.75	.....	1.25	0	9	3	12	16	.....	Cesar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	77.2	.....	95	† 9	56	28	32	1.25	−3.31	0.69	0	3	8	9	15	w.	L. M. Parker.
Camden	Kershaw	222	77	.....	.....	.....	.....	56	29	.....	5.97	+0.62	2.76	0	10	....	....	....	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	4.16	−3.74	1.52	0	8	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	4.38	+0.25	1.25	0	7	....	....	....	.....	George V. Clamp.
Chester	Chester	487	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	35	75.4	−1.9	94	9	52	28	35	2.22	−2.78	0.45	0	10	16	14	1	sw.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	77.1	−2.5	95	3	58	28	27	3.86	−2.92	2.25	0	10	6	15	10	ne.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	2.74	.....	1.37	0	4	....	....	....	.....	Broad River Power Co.
Due West	Abbeville	711	13	75.8	−2.8	93	9	55	28	32	1.74	−2.29	0.99	0	10	5	18	8	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	0.45	−3.05	0.35	0	3	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ‡‡	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	3.22	−2.09	1.06	0	10	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	74.8	−1.0	93	9	56	29	22	2.42	−3.22	1.98	0	8	3	20	8	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	76.2	−2.1	95	10	53	28	27	4.44	−0.56	1.51	0	7	17	0	14	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	73.8	−4.7	91	† 3	55	27	26	5.74	+0.30	2.33	0	11	6	6	19	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	69.0	.....	85	22	49	26	26	2.93	.....	0.66	0	11	20	6	5	nw.	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	75.0	−3.6	94	7	56	29	28	4.76	+0.69	1.58	0	14	5	0	26	w.	John W. Hunnel.
Landrum	Spartanburg	1063	12	75.5	−0.9	93	† 7	53	28	29	3.40	−1.24	1.10	0	10	15	12	4	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	77.3	.....	96	† 7	55	29	36	4.10	.....	1.28	0	7	11	14	6	sw.	L. G. Roff.
Little Mountain	Newberry	711	34	75.6	−4.6	96	23	54	28	28	4.55	−0.42	2.15	0	8	13	9	9	sw.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	6.31	.....	1.61	0	10	....	....	....	.....	Broad River Power Co.
Newberry	Newberry	502	23	77.4	−2.2	95	9	56	28	30	3.28	−1.77	1.20	0	7	7	18	7	w.	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	3.24	−1.14	1.38	0	10	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	25	75.7	−3.6	92	† 2	54	28	29	1.64	−3.32	0.39	0	10	10	16	15	sw.	W. S. Crout.
Santuck	Union	512	34	76.2	−2.2	99	9	52	29	35	3.71	−1.90	1.31	0	11	10	15	6	w.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	.....	.....	96	† 9	.....	.....	.....	3.37	−1.95	1.40	0	7	18	1	12	.....	M. H. Daniel.
Trenton	Edgefield	626	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	74.4	−3.1	94	2	50	28	35	3.90	−1.23	0.75	0	11	11	16	1	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	33	[c]75.8	−2.4	[c]94	9	[b]56	†26	[c]28	5.75	−2.19	1.63	0	11	7	17	7	e.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	75.5	−2.8	95	† 8	55	28	29	5.14	−1.91	1.95	0	8	4	21	6	s.	W. T. Clawson.
Division means and	extremes	.....	....	75.3	−3.0	99	6	49	26	36	3.55	−1.85	2.70	0	9	11	11	9	w.	
Section means and	extremes	.....	....	76.1	−2.8	99	9	49	26	36	4.34	−1.45	4.55	0	9	12	10	9	sw.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cesar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for August, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort (near)	Coast	.08		.13	T	T.					.61	.60	.14			.70	.12	.60	1.25			T.				.06	.20					.10	4.59
Blackville ‖	Edisto		.30	.10	.30	.50						.30																				T	1.50
Charleston ***	Coast	.68			.33	.36				.15	2.93	1.49	T.		.42	.05	.04	.27	.39	.19			.76			.73	T.	.06	T.				8.79
Cheraw ‖	Pee Dee		.69		.12	.41				.23	.71	1.05	1.02				.42			.68			1.21		T.	.06	T.	T.				6.60
Conway ‖	Waccamaw	.35	.09		.29	.40	T.				1.45	1.40	.60	.11			1.20	..	.22	.05	.80	..		.85			.27	T.	T.			8.08
Darlington ‖	Pee Dee		.08		T.	.62				..	.91		.35	.04				.27		1.23			1.00				.47				T.	4.50
Effingham ‖	Lynches	T.	.20		.22	.56					.87		.11					T.	.54	.11												3.08
Ferguson ‖	Santee		.37		1.02	.45					1.43	.12					.10		.09	.16	T.					.02							3.76
Florence 1 ‖	Pee Dee	1.90	.14		.18						.89		.43					T.	.03	.10							.12						3.79
Florence 2 ‖	do	1.85	.10		.08	1.08					.85		.40	T.						.30							.42				T		5.08
Garnett	Savannah	.02			1.15	.10	.32		T.			.34	1.17	.02		28	T.	.25	.70	.45	T	.01				T.	1.20						6.01
Georgetown	Coast																																8.79
Kingstree ‖	Black		.55		.40	.20					2.60	3.95	.13				.36		T.	.30	.30												4.92
Mars Bluff	Pee Dee	.19	.13		.15	1.23					.95		.60	.03			12		1.40	T.							.12						2.80
Orangeburg	Edisto		.22		.19	.15	T.				1.68	.03	T.				.16		.12				T.				.25	T.	T				6.05
Pinopolis	Cooper	.30		1.00	.70	.70				1.75						.30										1.30							4.25
Rimini ‖	Santee				.62	.53					2.25											.60	.25				.10						8.32
Society Hill ‖	Pee Dee	.20	.45	.60		1.05				.43	1.05	.50	.52							2.25	.32		.85									4.41
Summerville	Ashley				1.52								.53			.47		1.30	.30	.20			.09				.18				T.	7.10
Wedgefield	Wateree	1.20		.65	1.20	.25			.42	.20	1.75					.45					T.	.80										8.84
Yemassee ‖	Ashepoo		.40		.50	.34	.75						1.03	.25						T.	.57	.45				4.55						
Western Portion.																																	
Aiken	Edisto	.29									.16	.11								.26						.03						0.85
Anderson	Savannah			.35	.24							.10							.34						.04		.08			1.26	2.44
Blairs ‖	Broad	.10				.38					.97	.03	.02			.06				1.67			.02			.06	.18				.34	2.23
Cæsar's Head	Saluda				.45				.15			.48							.18	.55							.30	.22	.17		1.25	4.23
Calhoun Falls ‖	Savannah	T.			.21	.69						.32	T																		T.	3.75
Camden ‖	Wateree	.25	.30		.05	.60					2.70	.02			.05					1.50			.45			.05						1.25
Catawba ‖	Catawba	.10					.14			.15	1.52	.36								1.24						.10					.55	5.97
Chappells ‖	Saluda	.34			.37	.66					1.25	.07								.95											.74	4.16
Chester	Broad												.03			.19			.45									.05	.04	.43	.32	4.38
Clemson College	Savannah	.20		.14	.37																											2.22
Columbia ***	Congaree	.07		.05	.65				.03	.35	.05	T.	T.						.37			2.25				.02	.02	T.				3.86
Crescent	Enoree										.90					.11				.36							.15	T.	T.	T.		1.37	2.74
Due West ***	Savannah	.01		.31	.02	T.			T.	.04	.12	.03				.05			T.												.12	.89	1.74
Edgefield ‖	Savannah		.10			.35																										1.06	0.45
Gaston Shoals ‖	Broad	.49			T.	.75				.35	.14	.37	.12							.31	.11	.12			T.		T.	.09			1.93	.05	3.22
Greenville ***	Saluda			.03	T.				.05	.23		.03							.01													2.42
Greenwood ‖	do				.27	1.04					1.51	.15								.05						.25					1.17	4.44
Heath Springs	Wateree	.19		.07	1.00				2.33			.27			.02	..		.76			.46				.57		.63					.03	5.74
Hogback Mountain	Broad	.10		.03	.47					.66	.02	.30							.24	.29	.01	.15				.02	.53	.03				.02	4.76
Kershaw ‖	Lynches	.30	.27		.03	.26					1.26	.15	.04				.12			1.58			.15			.02		.06				.53	3.40
Landrum	Broad				.31			.38				.27	.06						1.10	.11	.09	.48				.27		T.				.22	1.28	4.10
Laurens	Saluda	T.		.28	.41						1.16								.47														4.55
Little Mountain	Saluda	.03		.38	.15					.46	1.22	.04							2.15							.12						.86	6.31
Lockhart	Broad		1.20		.30	.20	.10				1.61	.43								.40						1.11	.10					.95	3.28
Newberry	Saluda	T.		.30	.40					.07	.04								1.20							.82	T.					1.28	3.24
Pelzer ‖	do	.48			.06					.02	.08	.06	.04			.06				.94									.12	T.		.03	1.64
Saluda	do	.12		.39	.21	.10				.09	.31	.06				.05				.25						.15	.03			T	T.	1.31	2.71
Santuck	Broad	.03	.15	T.	.05					.02	.97	.02				.01			.97													1.40	3.37
Spartanburg ‖	do	.20			.20						.50			.52						.25	.30												
Trenton	Edisto																															.79	3.90
Walhalla	Savannah	.15		.65					.52	.15		.24				.35			.04			.12					.21				.75	.04	5.72
Winnsboro ‖	Broad	.15	.85		.10	.72					.87	.71					.08			1.63						.07	.50					.55	5.14
Winthrop College	Catawba	.12		.20		.45				.43	1.95	.39							1.05														

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR AUGUST.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	77.8	101	49	6.54	11				
1888	77.8	102	50	4.53	10				sw.
1889	74.4	97	45	6.37	12				se.
1890	77.1	96	51	4.25	9				s.
1891	78.9	98	55	8.79					sw.
1892	79.5	96	59	4.42					sw.
1893	77.5	97	57	12.45	13	10	9	12	ne.
1894	77.9	102	55	7.28	11	10	13	8	sw.
1895	79.4	101	55	7.95	13	9	14	8	sw.
1896	80.4	105	52	4.14	7	14	12	5	sw.
1897	78.0	102	57	5.16	9	13	9	9	sw.
1898	78.7	99	57	9.81	18	8	11	12	sw.
1899	81.2	103	59	6.26	10	12	11	8	sw.
1900	83.0	106	60	2.13	5	21	9	1	sw.
1901	78.6	97	57	9.01	15	7	14	10	s.
1902	78.6	104	55	5.07	12	14	10	7	sw.
1903	80.6	105	60	7.15	12	15	9	7	sw.
1904	77.6	102	54	8.47	14	12	9	10	sw.
1905	77.9	107	46	5.69	11	15	8	8	sw.
1906	80.6	100	60	6.62	15	7	17	7	sw.
1907	79.4	101	54	5.41	9	13	13	5	sw.
1908	78.6	100	49	9.11	10	12	11	8	s.
1909	78.8	104	53	4.83	8	15	12	4	ne.
1910	79.0	101	60	6.00	10	11	12	8	ne.
1914	80.0	104	51	6.05	12	10	15	6	sw.
1912	79.2	104	54	3.69	9	16	8	7	sw.
1913	78.9	101	52	3.76	9	15	9	7	sw.
1914	79.0	101	56	5.88	13	9	15	7	sw.
1915	78.8	102	52	7.62	14	11	11	9	sw.
1916	79.6	100	58	3.27	8	16	10	5	sw.
1917	78.5	102	49	3.23	8	15	10	6	sw
1918	80.2	106	52	4.45	7	20	7	4	sw.
1919	78.5	103	53	5.08	9	14	11	6	sw.
1920	77.7	100	56	8.08	14	8	12	11	sw.
1921	78.2	102	56	4.14	10	14	10	7	ne.
1922	76.4	98	49	5.07	11	12	8	11	ne.
1923	79.3	101	54	7.44	12	11	11	9	sw.
1924	80.4	105	53	2.86	6	18	9	4	w.
1925	80.2	109	53	1.48	4	21	7	3	ne.
1926	80.7	100	55	3.46	7	17	10	4	sw.
1927	76.1	99	49	4.34	9	12	10	9	sw.
Period	78.9	109	45	5.79	10	13	11	7	sw.

Daily Temperatures for August, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	89	95	91	95	94	88	91	95	94	93	90	79	87	92	91	92	86	86	81	92	81	85	90	97	93	76	90	79	84	83	88	88.6
	Minimum	75	75	75	76	72	75	71	72	80	72	70	73	72	72	70	72	72	75	73	70	70	71	71	72	71	69	65	61	60	73	65	71.3
Blackville	Maximum	95	89	94	95	94	91	96	95	88	95	87	80	80	98	96	94	86	92	90	89	90	93	89	93	71	74	85	88	80	88	90	89.2
	Minimum	71	71	71	70	71	69	67	68	75	70	69	66	67	66	64	66	66	69	70	64	58	59	58	68	66	64	69	65	56	60	63	66.3
Charleston	Maximum	91	92	89	93	89	87	87	92	95	91	82	82	87	86	91	85	89	87	82	89	84	87	89	94	90	78	74	76	81	82	82	86.5
	Minimum	73	76	78	75	77	76	76	77	74	74	70	70	74	74	75	74	73	77	76	72	75	73	73	74	68	65	65	62	64	71	68	72.5
Cheraw§§	Maximum	86	92	93	88	88	89	91	92	92	76	68	80	87	89	85	80	87	89	84	82	82	86	87	90	68	68	68	77	80	82	85	83.6
	Minimum	72	65	67	70	69	63	66	68	70	71	61	63	65	65	72	68	65	70	68	63	68	63	68	65	66	56	58	57	55	60	61	65.1
Conway	Maximum	90	93	95	94	90	89	91	92	95	86	80	82	89	90	88	79	88	86	80	88	86	87	88	94	83	73	69	71	84	85	86	86.2
	Minimum	71	72	73	72	71	65	67	68	73	70	65	65	67	67	73	70	65	73	73	70	69	70	72	68	66	60	62	57	55	63	64	67.6
Darlington§§	Maximum	84	91	94	91	89	91	93	92	91	84	73	82	89	90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	70	70	71	71	63	66	69	76	72	65	64	68	66	73	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Ferguson§§	Maximum	86	92	93	91	90	91	93	93	92	84	79	80	88	90	88	86	82	83	88	89	88	87	89	86	87	74	70	79	85	87	87	86.4
	Minimum	72	72	70	71	72	68	70	69	77	72	66	67	68	67	72	70	68	74	73	65	67	67	68	64	61	61	62	52	54	61	61	67.1
Florence I	Maximum	86	90	92	....	86	92	91	94	96	85	77	84	88	92	88	78	88	90	89	90	89	86	90	92	72	67	67	74	85	90	91	*85.9
	Minimum	74	72	72	72	....	64	69	70	76	73	67	65	66	69	74	72	65	71	70	69	68	67	70	68	71	59	62	59	56	64	62	*67.9
Garnett	Maximum	92	94	96	98	95	93	97	98	96	90	89	91	88	93	95	90	87	90	87	92	93	90	93	96	98	75	71	80	87	89	90	90.7
	Minimum	71	71	71	70	71	71	67	69	74	73	73	68	71	68	72	70	71	71	71	66	67	79	68	68	65	62	64	68	55	62	63	68.7
Georgetown	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Kingstree	Maximum	89	91	93	91	87	90	92	93	94	85	74	79	87	89	87	78	86	89	82	87	87	85	86	92	87	73	68	72	84	87	87	85.5
	Minimum	75	73	73	72	72	65	68	70	77	72	67	66	69	69	73	73	66	74	73	71	71	68	71	69	68	60	63	56	56	64	63	68.6
Orangeburg	Maximum	88	92	95	93	90	89	94	95	95	85	83	78	88	92	92	78	88	90	89	89	90	85	88	94	86	70	71	77	86	88	86	87.2
	Minimum	72	72	71	72	72	70	67	70	75	72	67	67	70	67	73	73	67	73	72	67	65	66	68	66	65	60	62	58	54	60	60	67.5
Society Hill§§	Maximum	83	90	..	90	74	76	89	85	92	74	67	76	80	83	....	75	88	90	85	85	83	79	81	....	70	70	68	68	80	....	....	*80.0
	Minimum	72	67	70	....	71	63	66	69	72	72	64	64	66	66	64	....	....	65	71	64	65	65	67	66	67	60	60	59	56	60	61	*65.4
Summerville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	74	73	74	75	72	70	69	69	76	73	69	70	64	70	73	73	69	73	74	68	70	70	70	69	62	60	60	56	64	....	64	66.9
Wedgefield	Maximum	86	90	92	92	88	90	90	90	90	88	82	78	88	90	89	90	90	92	88	86	85	85	88	92	85	72	68	78	83	87	87	86.4
	Minimum	72	73	72	72	72	68	68	71	72	72	66	66	69	69	74	66	66	70	72	66	68	65	68	68	63	58	62	55	57	64	63	67.3
Yemassee	Maximum	89	94	91	94	94	91	94	94	90	87	85	89	92	95	89	85	90	88	91	94	94	74	71	78	84	87	87	87	88	88	88	88.8
	Minimum	71	71	72	71	71	71	67	69	74	73	73	69	75	67	71	71	70	73	72	66	67	69	68	70	66	62	64	59	55	62	62	68.5
Western Portion.																																	
Aiken	Maximum	90	91	91	90	89	90	92	94	91	90	86	87	87	94	92	88	88	88	86	87	86	87	90	93	91	73	70	80	85	88	86	87.7
	Minimum	71	72	71	70	71	70	71	70	74	71	66	70	73	72	70	71	70	73	69	68	63	67	68	66	69	59	61	59	60	63	66	68.2
Anderson	Maximum	89	91	85	88	90	87	91	91	94	83	72	81	88	90	90	85	88	89	84	87	85	88	93	93	81	76	71	80	84	78	85	85.7
	Minimum	70	69	68	70	71	69	69	73	73	69	64	65	68	69	72	69	69	70	63	63	62	67	67	63	63	58	56	56	56	63	60	65.9
Caesar's Head	Maximum	84	80	81	76	80	81	78	81	70	70	65	73	78	80	80	75	74	77	77	72	74	79	79	80	67	68	70	70	71	75	78	75.6
	Minimum	66	66	65	65	66	65	68	69	66	67	60	60	60	64	67	66	66	66	63	60	60	64	64	68	55	52	52	53	53	55	64	62.4
Calhoun Falls§§	Maximum	94	94	93	92	90	90	94	94	95	84	73	80	88	92	92	84	88	92	91	91	92	92	93	95	75	76	72	83	87	91	91	88.5
	Minimum	70	69	68	68	71	70	69	72	72	70	66	66	67	69	69	68	69	71	66	62	63	62	63	63	64	59	60	56	57	59	62	65.8
Camden§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	73	70	72	72	74	72	71	74	78	74	64	65	67	67	79	67	70	69	69	65	67	65	67	68	67	58	59	60	56	60	64	67.8
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	91	92	87	87	91	90	92	92	94	84	76	84	90	92	91	87	84	90	87	85	86	87	92	92	87	78	74	80	78	88	86	86.9
	Minimum	69	65	65	70	69	66	66	70	70	69	65	65	68	66	65	68	68	71	60	58	59	67	63	56	63	60	56	52	53	60	60	63.9
Columbia	Maximum	87	94	95	92	90	89	91	90	94	85	75	77	89	90	89	83	87	90	89	86	87	86	89	94	78	68	67	79	86	87	87	86.1
	Minimum	74	72	71	72	72	71	71	74	72	69	65	67	71	71	76	72	68	70	70	65	68	66	69	67	60	58	59	58	60	65	67	68.1
Due West	Maximum	90	92	90	89	89	87	92	93	93	82	71	78	87	91	90	85	86	91	88	86	84	89	91	92	75	74	70	80	84	87	86	85.9
	Minimum	71	68	67	71	72	69	68	73	74	66	64	65	66	69	72	69	70	70	64	63	64	66	68	60	61	58	57	55	56	64	61	65.8
Greenville	Maximum	89	91	85	84	87	87	91	90	93	75	70	75	85	89	88	83	84	87	85	81	82	87	90	88	73	72	70	76	78	83	84	83.3
	Minimum	70	70	70	70	70	71	71	73	71	68	63	65	66	70	72	69	68	71	66	64	63	68	68	68	59	57	57	57	56	62	62	66.3
Greenwood	Maximum	91	91	92	93	90	92	90	92	93	95	86	73	79	89	91	92	90	87	90	89	88	89	92	83	83	72	77	71	81	84	89	86.9
	Minimum	70	69	69	69	71	68	68	73	73	70	64	64	67	70	72	65	67	70	66	62	60	66	66	64	61	58	58	53	58	61	61	65.6
Heath Springs	Maximum	81	90	91	91	86	88	90	91	89	81	68	77	85	90	84	82	83	83	82	75	82	87	87	65	65	62	74	81	82	84	84	81.9
	Minimum	71	66	68	71	70	66	68	71	75	72	62	64	67	66	73	68	68	73	65	66	64	68	68	61	56	58	55	56	61	61	61	65.6
Hogback Mountain	Maximum	83	84	82	77	78	81	83	81	81	73	71	73	81	82	83	77	76	78	78	70	76	85	83	82	80	67	66	71	75	77	77	78.0
	Minimum	65	64	63	65	62	62	66	67	66	59	57	58	62	63	64	62	62	62	60	54	56	60	61	63	62	49	49	49	53	57	57	60.0
Kershaw	Maximum	85	89	92	89	88	90	94	92	93	76	69	78	87	90	86	83	88	90	85	83	84	84	87	89	76	66	66	75	80	84	85	83.9
	Minimum	70	67	70	71	71	66	68	72	74	72	62	64	64	67	75	69	65	69	68	64	67	65	69	67	58	56	59	57	56	62	63	66.0
Landrum	Maximum	91	86	90	92	89	91	93	94	93	81	72	78	85	92	91	87	89	91	87	79	81	89	90	88	84	73	74	76	82	85	85	85.7
	Minimum	70	71	69	67	71	65	65	71	70	67	64	65	65	65	72	65	68	70	65	63	62	67	66	70	61	57	56	53	64	59	60	65.3
Laurens	Maximum	93	95	93	93	92	92	96	95	96	81	71	80	91	94	90	90	90	93	90	89	88	91	95	96	80	73	71	82	83	91	87	88.4
	Minimum	71	68	66	72	72	67	66	72	72	70	64	64	68	68	74	67	69	71	66	64	65	67	67	63	62	59	61	56	55	63	62	66.2
Little Mountain	Maximum	87	94	93	91	92	93	94	95	95	82	71	77	84	92	89	89	89	90	87	85	85	87	96	92	79	70	66	78	85	88	89	86.6
	Minimum	69	69	68	69	70	68	69	70	73	68	63	64	66	69	71	69	67	68	60	60	65	63	66	63	58	55	56	54	58	57	61	64.7
Newberry	Maximum	91	94	93	91	92	92	94	94	95	85	79	80	92	94	91	90	90	92	88	88	88	89	93	92	83	71	70	80	85	89	86	87.9
	Minimum	73	71	68	72	72	69	68	74	75	69	65	67	69	70	74	67	70	70	69	64	66	65	68	64	62	58	61	56	59	64	63	67.2
Saluda	Maximum	86	92	87	91	89	88	86	92	92	78	76	76	88	91	87	87	87	87	85	85	85	87	90	90	89	69	69	78	80	83	87	85.1
	Minimum	73	71	66	70	72	67	66	73	66	72	65	66	68	69	73	68	70	73	68	62	59	65	64	61	65	58	61	54	56	61	63	66.3
Santuck	Maximum	89	95	93	92	93	91	95	96	99	80	71	78	89	92	87	86	90	93	87	83	83	88	92	95	80	72	69	80	85	89	85	87.0
	Minimum	71	67	67	72	72	66	65	70	76	70	63	66	66	67	74	66	72	70	68	62	63	66	65	60	60	58	59	54	52	60	62	65.5
Spartanburg	Maximum	90	93	99	88	92	91	94	94	96	96	85	73	81	90	92	90	88	87	87	89	84	88	92	90	70	76	72	81	82	85	..	83.8
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Trenton	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Walhalla	Maximum	91	94	89	86	93	90	93	92	93	83	73	82	89	90	89	86	85	89	88	84	86	89	92	92	76	78	74	80	84	87	83	86.4
	Minimum	69	63	63	67	64	65	64	67	68	67	63	64	66	64	64	66	68	69	55	54	58	64	61	57	63	58	57	50	52	58	69	62.3
Winnsboro§§	Maximum	89	92	92	90	89	90	93	93	94	81	69	78	88	91	87	85	88	91	....	....	....	87	89	92	68	67	64	76	84	87	87	*85.0
	Minimum	71	69	69	71	71	68	69	70	75	72	63	64	67	69	74	68	67	70	68	....	....	63	68	64	65	56	58	56	58	62	63	b66.5
Winthrop College	Maximum	93	94	94	92	90	92	94	95	95	80	70	78	90	91	90	87	88	93	87	84	83	88	89	92	82	71	66	70	83	86	85	86.2
	Minimum	70	67	67	70	71	67	68	70	71	67	62	64	65	68	66	64	64	67	68	62	65	64	68	66	60	56	57	55	57	64	60	64.8

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., SEPTEMBER, 1927. No. 9.

GENERAL SUMMARY.

The month was warmer than the average, with a pronounced heat wave from the 11th to the 19th, inclusive, and a marked cool period from the 21st to the 25th, inclusive. Precipitation was decidedly below normal.

All crops improved under fairly good showers during the early part of the month, after which there was progressive deterioration incident to prolonged heat and scattered and unevenly distributed rainfall. Cotton, on the whole, maintained generally good condition in the Piedmont, notwithstanding the drought, and weevil infestation was generally light; elsewhere, deterioration was due principally to weevil ravages; the crop opened rapidly, and picking and ginning made satisfactory progress throughout the month, with picking about three-fourths finished toward the close. Very good early and intermedia corn crops were matured, but the late crop suffered from drought. The forage crops were good to excellent this season. Truck, gardens, and pastures deteriorated slowly but steadily under prolonged drought, and development of sweet potatoes and peanuts slowed up; however, sweet potato digging results were generally good. A good quality of molasses was being made as the month closed.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30 03 inches. The highest pressure was 30.37 inches at Asheville, N. C., on the 24th, and in the Section proper, 30.35 inches at Columbia on the 25th; the lowest pressure was 29.65 inches at Augusta, Ga., on the 11th, and in the Section proper, 29.66 inches at Columbia on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 31 stations, was 75.6°, or 1.2° above the normal. The highest temperature was 101° at Blackville on the 14th, at Newberry on the 15th, and at Laurens on the 16th. Warm weather prevailed from the 3d to the 19th, inclusive, with a pronounced heat wave after the 11th. The lowest temperature was 40° at Santuck on the 25th. The single marked cool period was from the 21st to the 25th, inclusive.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 83%; noon, 57%; 8 p. m., 70%. The highest percentages occurred over the western counties and along the coast, and the lowest, in the north-central region.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 1 63 inches, or 2.20 inches below the normal. The rainfall was generally below normal and was badly distributed as to time, areas, and amounts. The measurements ranged from near four inches in sections of the eastern counties and mountain district to less than one-fourth inch in portions of the coastal plain and lower Saluda and upper Savannah drainage basins The greatest local monthly amount was 3.83 inches at Conway; least local monthly amount, 0.04 inch at Chappells. The greatest 24-hour rainfall was 3.10 inches at Caesar's Head on the 6th. The average number of rainy days was 57% below normal.

Killed by Lightning.—On 2d, near Seneca, Mr. Charles Roach, on road home; his two mules were also killed, value about $250.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 6.2 miles. The highest average velocity was 9.4 miles per hour at Charleston and Savannah, Ga.; the lowest average velocity was 3.3 miles per hour at Charlotte, N. C., and in the Section proper. 5.4 miles per hour at Columbia. The highest velocity for any 5-minute period was 33 miles per hour from the northeast at Charleston on the 25th and from the northwest at Savannah, Ga., on the 20th.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 277.6 hours, or 75% of the possible amount. The average number of clear days was 18; partly cloudy, 8, and cloudy, 4, as against normals of 16, 8, and 6 days, respectively.

RIVER CONDITIONS.

On account of the generally light rainfall, the rivers of the Section were uniformly low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Walhalla, 4. *Solar:* Due West, 6, 11, 28, 29; Greenville, 29; Walhalla, 4.

Hail—Moderate, Walhalla, 3.

Fog, dense.—Beanfort, 8, 14; Columbia, 21, 28; Rimini, 14, 21, 28, 29, 30; Santuck, 13; Trenton, 5, 6, 13, 14, 28, 29, 30; Winnsboro, 28, 29.

ERRATA.

August, 1927.—Conway, page 30, prevailing wind direction should be southwest. Calhoun Falls, number of cloudy days, page 30, should be 14. Gaston Shoals, total rainfall, pages 30 and 31, should be 3.38. Hogback Mountain, total rainfall, pages 30 and 31, should be 3.04.

MISCELLANEOUS DATA FOR SEPTEMBER, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.05	68.1	90	39	1.14	0.49	5.5	se.	91	51	68	62
Augusta, Ga.	30.02	78.1	100	54	0.78	0.48	4.6	ne.	82	55	69	81
Charleston, S. C.	30.02	78.1	94	59	1.23	1.06	9.4	ne.	81	71	78	85
Charlotte, N. C.	30 04	74.5	96	49	1.11	1.00	3.3	ne.	79	52	63	74
Columbia, S. C.	30.03	76.9	97	50	2 64	0.96	5.4	ne.	82	48	60	72
Due West, S. C.	30.06	75.6	96	48	2.18	2.06	6.5	ne.	79	51	....	82
Greenville, S. C.	30.03	75.0	97	51	0.80	0.75	6.4	ne.	83	64	68	68
Savannah, Ga.	30.01	78.3	97	56	0.54	0.26	9.4	ne.	87	57	76	71
Wilmington, N. C.	30.03	75.2	95	55	3.35	1.05	5.5	ne.	85	60	81	77
Means and extremes	30.03	77 1	100	39	1.53	2.06	6.2	ne.	83	57	70	75

Climatological Data for September, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Beaufort (near)‡‡	Beaufort	21	46	78.4	+0.5	99	16	58	24	28	0.68	−3.12	0.35	0	4	18	12	0	e.	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	77.0	+1.2	101	14	48	24	34	1.45	−2.73	1.00	0	3	25	3	2	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	78.1	+1.7	94	16	59	23	21	1.23	−4.23	1.06	0	3	19	16	1	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	73.0	−0.6	96	15	42	24	35	0.08	−3.48	0.08	0	1	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	37	76.2	+1.4	98	15	50	24	33	3.83	−1.05	1.50	0	8	23	0	7	se.	Paul Quattlebaum.
Darlington	Darlington	175	32	[a]75.4	+0.8	[a]99	16	49	†24	[a]31	3.69	−0.31	1.35	0	5	17	6	7	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	2.06	−2.10	0.64	0	5	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	76.4	+2.0	97	†15	48	24	30	2.38	−1.50	1.63	0	4	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	45	[d]77.0	+3.8	[d]99	15	[d]56	25	[d]28	2.06	−2.01	1.04	0	5	22	7	1	sw.	H. K. Gilbert.
Florence 2	....do	136	12	.....	.....	.....	.....	.....	.....	.....	2.38	−1.69	1.20	0	4	23	4	3	sw.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	[a]77.6	.....	[a]99	15	[a]51	†22	[a]32	0.93	.....	0.51	0	3	21	9	0	.....	Maner B. Robert.
Georgetown††	Georgetown	18	34	79.7	+3.5	98	†14	58	25	30	2.97	−1.34	1.75	0	3	26	1	3	.....	A. P. Hazard.
Kingstree	Williamsburg	51	45	76.6	+1.9	98	16	50	24	33	1.00	−3.17	0.90	0	2	25	1	4	s.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	2.25	.....	1.62	0	5	....	....	....	.....	Rosa R. Davis.
Orangeburg	Orangeburg	264	11	76.8	+1.3	98	†15	50	24	31	0.38	−3.29	0.21	0	4	17	12	1	ne.	U. S. Fisheries Station.
Pinopolis	Berkeley	54	80	74.0	−0.3	93	16	52	24	.....	0.25	−4.41	0.25	0	1	15	9	6	se.	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	....	0.36	−3.42	0.36	0	1	....	....	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	.....	.....	.....	.....	45	24	.....	1.93	−2.23	0.95	0	6	26	3	1	s.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. William Simons.
Wedgefield	Sumter	249	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. Hampton Ramsey
Yemassee	Hampton	24	38	76.7	+1.1	98	†15	51	24	36	2.40	−1.79	1.40	0	5	22	0	8	se.	W. C. Hutson.
Division means and	extremes	....	....	76.4	+2.0	101	14	42	24	36	1.63	−2.48	1.63	0	4	21	6	3	se.	
Western Portion.																			
Aiken	Aiken	527	65	77.4	+1.8	99	15	51	23	32	0.40	−2.94	0.23	0	2	25	5	0	ne.	Frank B. McCoy.
Anderson	Anderson	764	34	75.1	+0.9	96	†15	50	25	29	1.22	−1.91	0.95	0	3	27	0	3	w.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	1.73	−1.33	1.00	0	3	....	....	....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	3	69.4	.....	87	†15	47	22	25	3.76	.....	3.10	0	4	6	13	11	.....	Cæsar's Head—P. Mtn. Co.
Calhoun Falls	Abbeville	508	28	76.4	.....	100	†16	51	24	32	0.23	−3.51	0.17	0	2	17	3	10	e.	L. M. Parker.
Camden	Kershaw	222	77	[a]76.9	+2.8	[a]98	†14	49	24	[a]32	3.23	−0.49	2.80	0	5	....	....	..	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	3.02	−0.53	2.52	0	2	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	0.04	−3.30	0.04	0	1	....	....	....	.....	George V. Clamp.
Chester	Chester	487	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	35	74.8	+2.1	100	†15	45	25	38	1.16	−2.94	1.15	0	2	20	10	0	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	76.9	+2.4	97	15	50	24	25	2.64	−0.81	0.96	0	5	10	15	5	ne.	U. S. Weather Bureau.
Creseent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	2.21	.....	1.99	0	4	....	....	....	.....	Broad River Power Co.
Due West	Abbeville	711	13	75.6	+1.9	96	17	49	25	26	2.18	−1.27	2.06	0	4	13	16	1	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	...	.....	.....	.....	2.50	−0.51	2.50	0	1	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	0.84	−2.51	0.40	0	5	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	75.0	+4.4	97	16	51	25	23	0.80	−3.01	0.75	0	4	10	18	2	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	75.6	+2.3	100	†16	45	25	37	1.09	−2.34	0.68	0	2	23	0	7	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	74.0	+0.4	98	16	46	†24	38	2.01	−1.12	1.82	0	2	13	9	8	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	75.4	+1.2	96	†15	48	†24	33	2.03	−0.03	1.72	0	5	5	1	24	e.	John W. Hamel.
Landrum	Spartanburg	1063	12	75.2	+2.2	100	†15	46	†24	35	1.02	−3.44	0.88	0	3	22	8	0	s	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	76.4	.....	101	16	48	†24	33	0.31	.....	0.30	0	2	20	10	0	n.	L. G. Roff.
Little Mountain	Newberry	711	34	75.8	+0.9	98	15	44	23	32	1.20	−1.95	0.73	0	3	23	5	2	s.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	1.10	.....	0.85	0	2	....	....	....	.....	Broad River Power Co.
Newberry	Newberry	502	23	76.8	+1.7	101	15	53	22	37	2.40	−0.87	2.00	0	2	15	14	1	ne.	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	2.86	−0.75	2.54	0	3	....	....	....	.....	Joshua V. Jones.
Saluda	Saluda	536	25	74.0	−0.6	95	†14	42	24	36	1.04	−2.27	0.56	0	3	19	10	1	sw.	W. S. Crout.
Santuck	Union	512	34	72.9	−0.2	99	†15	40	25	38	2.19	−1.03	1.72	0	3	16	12	2	e.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	.....	.....	99	†15	.....	.....	.....	1.60	−1.76	1.05	0	3	27	1	2	.....	M. H. Daniel.
Trenton	Edgefield	620	34	.....	.....	.....	.....	50	†24	[m]82	0.69	−2.61	0.57	0	2	8	22	0	se.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	73.1	+1.5	97	15	45	†22	33	1.99	−3.14	0.95	0	5	21	9	0	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	33	[g]76.0	+2.3	[g]100	16	[f]48	24	[g]30	0.69	−2.87	0.53	0	2	....	....	....	.....	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	74.6	+1.4	98	15	41	25	36	3.20	−0.03	1.20	0	4	15	15	0	s.	W. T. Clawson.
Division means and	extremes	.....	....	75.3	+2.1	101	†15	40	25	38	1.66	−2.22	3.10	0	3	16	10	4	ne.	
Section means and	extremes	.....	....	75.6	+1.2	101	†14	40	25	38	1.63	−2.20	3.10	0	3	18	8	4	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc. † Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ††Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for September, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort(near).	Coast				T.	.35		.15			.03								1.00		.15									T.	T.		0.68
Blackville ‖‖	Edisto				.30															T.	1.06											1.45
Charleston ***	Coast	.14			.03		T.				T.		T			T.								.08								1.23
Cheraw ‖‖	Pee Dee										1.50	.11	.14					.16				.78		.48								0.08
Conway ‖‖	Waccamaw		.36			.30																										3.83
Darlington ‖‖	Pee Dee		1.10		.95	.18					1.35							.08			.11											3.69
Effingham ‖‖	Lynches	.46	.61		.51							.37						T.				T.										2.06
Ferguson ‖‖	Santee	.03	1.63	T.		.15	.57									.02																2.38
Florence 1 ‖‖	Pee Dee	T.	1.04		.92	.04	.04																									2.38
Florence 2 ‖‖	do		1.20		.70	.25					.23																T.					2.06
Garnett	Savannah				.35								.51					T.	.07			1.75										0.93
Georgetown	Coast	1.07			.15																											2.97
Kingstree ‖‖	Black	.10	.90	T.	T.	T.	T.				T.																					1.00
Mars Bluff	Pee Dee		1.62		.10	.27					.07	.19									T.											2.25
Orangeburg	Edisto	.21	T.	T.	.05	.04						.08																				0.38
Pinopolis	Cooper				.25																											0.25
Rimini ‖‖	Santee		.36																													0.36
Society Hill ‖‖	Pee Dee		.36		.25	.05					.95							.12			.20											1.93
Summerville	Ashley																															
Wedgefield	Wateree																		.55			.22										2.40
Yemassee ‖‖	Ashepoo					1.40	.04		.19																							
Western Portion.																																0.40
Aiken	Edisto			.17										.23																		1.22
Anderson	Savannah		.22			.95					.05										.60											1.73
Blairs ‖‖	Broad				1.00						.13										.20									.10		3.76
Cæsar's Head	Saluda	T.					3.10			.36																		T.				0.23
Calhoun Falls ‖‖	Savannah			.17							.06																					3.23
Camden ‖‖	Wateree		.10								2.08							.05	.30		.70											
Catawba ‖‖	Catawba										2.52							.50														3.02
Chappells ‖‖	Saluda										.04																					0.40
Chester	Broad																															
Clemson College	Savannah						1.15					.01						.72										T.				1.16
Columbia ***	Congaree	.12		.96						.78	.06																					2.64
Crescent	Enoree		.08	.08							1.99							.06		T.							.06					2.21
Due West ***	Savannah		.02			T.				2.06																	.04					2.18
Edgefield ‖‖	Savannah										2.50																					2.50
Gaston Shoals ‖‖	Broad		.04							.07	.40							.01	.03	T.	.22	.11					T.					0.84
Greenville ***	Saluda	T.				T	.75			.01																						0.80
Greenwood ‖‖	do			.68							.41																					1.09
Heath Springs	Wateree									1.82													.19									2.01
Hoghack Mountain	Broad																															
Kershaw ‖‖	Lynches		.02							.02	1.72						.05				.22											2.03
Landrum	Broad						.08			.06											.88						T.					1.02
Laurens	Saluda					.01								T.					.30													0.31
Little Mountain	Saluda		.06								.73									.41												1.20
Lockhart	Broad											.85									.25											1.10
Newberry	Saluda					T.					.40							T	2.00													2.40
Pelzer ‖‖	do						2.54				.28							.04			T						T.					2.86
Saluda	do									.56	.30							T.			.18											1.04
Santuck	Broad		.16								.31									1.72												2.19
Spartanburg ‖‖	do																		1.05		.40	.15										1.60
Trenton	Edisto		T.		T.					T.	.57	T.						T.	.12								T.					0.69
Wallulla	Savannah			.95			.82				.05								.07	.10								T.		T.		1.99
Winnsboro ‖‖	Broad		.16																	.53												0.69
Winthrop College	Catawba			1.20						.75	.45								.80													3.20

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station: precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	72.2	101	34	1.12	4	.....	.....	.....	e.
1888	69.6	93	31	9.86	13	.....	.....	.....	ne.*
1889	72.1	98	40	3.34	5	.....	.....	.....	se.
1890	72.9	98	49	7.84	16	.....	.....	.....	ne.
1891	74.3	92	50	2.66	.....	.....	.....	.....	re.
1892	72.5	93	40	6.41	.....	.....	.....	.....	ne.
1893	74.7	98	46	4.42	7	14	7	9	sw
1894	75.0	100	52	6.51	12	12	10	8	ne.
1895	76.9	106	35	1.29	4	17	8	5	ne.
1896	75.0	105	39	2.94	5	17	8	5	ne.
1897	73.3	100	42	2.91	4	17	7	6	n.
1898	76.0	96	48	4.06	7	12	10	8	ne.
1899	72.8	102	34	2.55	6	17	8	5	ne.
1900	77.1	100	45	2.83	5	19	8	3	ne.
1901	73.1	98	46	4.66	6	15	8	7	ne.
1902	72.1	98	43	3.74	8	13	9	8	sw.
1903	72.7	100	41	3.62	5	17	7	6	ne.
1904	75.8	101	44	2.46	4	19	7	4	ne.
1905	76.2	98	49	1.91	4	16	8	6	ne.
1906	78.0	98	55	4.85	9	10	12	8	ne.
1907	76.0	99	45	5.91	9	13	11	6	w.
1908	72.4	94	40	2.86	4	15	9	6	ne.
1909	72.0	98	39	3.74	7	13	9	8	ne.
1910	75.8	103	46	3.10	7	15	12	3	ne.
1911	78.9	100	50	3.33	8	13	13	4	sw.
1912	77.0	109	47	5.91	11	10	7	13	e.
1913	71.7	99	40	4.66	9	14	7	9	ne.
1914	71.3	101	43	3.63	7	14	9	7	ne.
1915	75.9	102	43	2.38	5	16	8	6	ne.
1916	72.2	99	35	2.56	7	17	8	5	ne.
1917	71.2	98	40	5.75	10	12	8	10	ne.
1918	69.8	96	36	3.87	7	18	5	7	ne.
1919	74.1	99	45	0.97	2	22	6	2	ne.
1920	75.5	100	46	5.42	7	16	8	6	ne.
1921	80.0	104	57	3.42	6	19	8	3	sw.
1922	75.2	100	47	1.15	3	18	8	4	ne
1923	75.5	99	50	2.67	6	16	9	5	ne.
1924	70.5	100	41	12.74	15	12	5	13	ne.
1925	81.7	111	55	1.86	5	17	9	4	s.
1926	77.0	101	52	2.29	4	17	7	6	ne.
1927	75.6	101	40	1.63	3	18	8	4	ne.
Period	74.4	111	31	3.83	7	16	8	6	ne.

*Also e. and s.

Daily Temperatures for September, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	87	90	92	92	95	85	86	91	88	90	94	93	89	93	97	99	91	90	92	88	87	86	88	76	80	82	84	84	85	87	....	88.7
	Minimum	66	79	70	73	68	70	70	70	71	69	71	75	75	72	75	75	75	71	71	70	65	60	65	58	59	67	64	66	69	68	....	69.2
Blackville	Maximum	91	97	94	89	90	86	90	95	94	96	98	96	97	101	99	100	98	82	89	83	87	75	74	77	82	86	89	87	89	92	....	90.1
	Minimum	62	67	68	67	67	67	61	62	65	67	68	70	72	72	69	70	71	68	66	66	60	53	53	48	53	60	62	60	60	62	....	63.9
Charleston	Maximum	83	84	86	89	85	84	84	86	86	83	93	89	84	93	93	94	88	89	90	83	84	83	76	75	77	80	80	80	81	83	....	84.8
	Minimum	69	72	74	75	73	71	72	72	74	72	74	76	77	77	77	77	79	78	76	69	71	62	59	59	61	66	67	71	71	72	....	71.4
Cheraw§§	Maximum	77	87	90	92	85	83	86	92	82	87	91	88	89	95	96	94	90	91	89	75	80	64	75	74	77	81	84	82	84	88	....	84.9
	Minimum	63	60	69	67	65	61	57	60	67	65	67	65	66	68	70	65	72	69	68	60	56	54	49	42	46	56	55	57	54	57	....	61.0
Conway	Maximum	80	88	91	93	87	85	89	93	91	88	91	91	88	95	98	97	91	92	91	82	85	80	77	77	81	86	87	85	85	86	....	87.7
	Minimum	63	62	67	70	67	62	63	66	66	66	68	70	67	70	73	69	71	72	70	69	67	61	58	50	53	57	60	60	61	63	....	64.7
Darlington§§	Maximum	....	88	90	91	89	85	91	92	88	88	90	92	92	96	98	99	98	93	89	75	84	72	76	78	80	85	89	87	88	90	....	[b]88.0
	Minimum	63	61	70	66	65	62	60	63	67	66	69	69	67	71	72	67	74	70	70	61	60	57	52	47	49	57	57	58	58	57	....	62.8
Ferguson§§	Maximum	90	89	91	93	88	85	88	91	90	91	92	93	94	95	97	97	95	89	92	90	86	77	72	78	80	84	85	88	88	88	....	88.5
	Minimum	62	66	68	72	67	65	65	65	66	67	67	69	69	70	71	68	72	70	67	68	65	56	55	48	52	58	62	61	59	59	....	64.3
Florence 1	Maximum	80	88	90	92	86	87	90	92	90	86	90	89	92	94	98	97	94	92	90	....	....	....	....	75	74	78	82	82	83	88	....	[d]87.7
	Minimum	64	63	70	69	67	65	64	66	67	69	69	70	69	73	73	69	75	70	71	64	....	....	....	....	56	58	60	62	60	60	....	[d]66.3
Garnett	Maximum	93	95	94	96	91	86	90	93	94	93	96	96	90	97	99	....	96	95	93	92	90	86	80	80	84	88	90	91	89	93	....	[b]91.4
	Minimum	61	65	67	69	65	67	65	64	64	65	66	71	71	72	70	....	70	67	66	67	69	61	51	51	51	65	59	59	63	60	....	[b]63.8
Georgetown	Maximum	90	90	92	94	93	89	90	91	93	90	95	91	91	98	98	88	88	87	86	88	88	88	79	88	88	88	85	88	88	78	....	89.3
	Minimum	70	70	73	75	70	67	71	73	74	71	75	74	70	76	71	72	72	70	71	70	70	78	60	63	58	65	68	66	63	70	...	70.1
Kingstree	Maximum	83	87	90	91	89	85	90	93	89	86	93	93	92	95	92	98	95	93	92	84	87	80	77	77	82	86	89	86	86	86	....	88.2
	Minimum	64	65	69	70	67	65	65	65	66	67	69	71	69	70	74	69	74	70	70	68	63	59	56	50	53	59	62	62	60	63	....	65.1
Orangeburg	Maximum	91	90	89	93	90	84	90	93	92	87	95	92	95	97	98	98	97	96	92	84	86	72	76	77	80	85	88	87	88	91	....	89.1
	Minimum	63	67	67	67	67	66	65	63	65	68	67	70	74	71	71	70	71	70	68	67	62	55	52	50	54	60	63	61	63	60	....	64.6
Society Hill§§	Maximum	....	....	....	92	78	74	80	87	79	90	93	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	62	60	61	66	65	63	60	60	64	66	66	68	66	71	70	68	68	70	70	60	57	55	51	45	47	52	56	57	55	57	....	61.2
Summerville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Wedgefield	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Yemassee	Maximum	88	91	92	92	90	86	90	92	91	90	94	94	91	95	98	98	93	91	89	86	86	81	78	77	82	86	88	87	86	87	....	89.0
	Minimum	62	66	67	66	65	67	67	65	65	66	67	72	74	70	71	72	71	67	69	68	68	52	53	51	53	52	60	61	63	61	....	64.4
Western Portion.																																	
Aiken	Maximum	91	93	91	92	93	90	88	92	92	87	95	92	92	95	99	97	96	91	88	82	84	82	75	75	80	86	86	86	85	88	....	88.8
	Minimum	66	69	72	72	68	69	65	68	67	70	70	69	71	71	73	71	72	71	67	68	60	55	51	55	54	56	64	63	66	65	....	65.9
Anderson	Maximum	88	90	87	89	88	85	85	89	88	85	92	90	92	95	96	96	96	93	85	80	83	73	73	74	74	69	86	86	84	90	....	86.0
	Minimum	64	65	67	70	69	66	65	65	67	67	70	71	70	69	71	68	74	70	67	62	54	52	52	51	50	59	61	63	63	63	...	64.2
Caesar's Head	Maximum	78	80	82	82	80	75	77	81	70	77	79	80	83	86	87	83	87	83	75	68	69	64	66	65	65	66	78	74	71	77	....	76.3
	Minimum	70	70	68	60	63	63	66	70	70	64	64	64	63	67	72	72	73	77	66	55	50	47	48	52	53	53	53	62	60	61	....	62.5
Calhoun Falls§§	Maximum	95	94	91	94	94	88	92	94	92	90	97	94	97	98	100	100	100	94	86	84	85	78	78	80	82	72	88	87	85	90	....	90.0
	Minimum	63	63	64	64	65	65	63	63	63	62	64	65	69	69	69	69	70	70	68	64	55	51	53	51	52	60	59	61	63	63	....	62.8
Camden§§	Maximum	92	93	93	91	93	90	93	95	92	90	94	95	96	98	98	99	93	89	88	81	85	70	....	81	78	79	81	80	84	91	....	[b]89.0
	Minimum	66	67	71	70	69	64	62	63	67	67	69	74	74	75	74	72	75	75	65	63	60	56	53	49	50	51	55	59	62	66	....	64.8
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	89	89	90	93	91	88	88	92	89	87	93	93	95	98	100	100	98	95	86	80	83	76	77	77	77	71	87	84	85	91	....	88.1
	Minimum	61	63	61	66	65	65	68	62	64	67	68	67	66	67	68	62	69	68	66	61	50	47	49	47	45	55	58	63	63	64	....	61.5
Columbia	Maximum	91	89	90	91	88	83	88	92	92	86	93	90	93	97	97	96	94	91	89	79	82	70	74	75	77	80	85	84	86	90	....	87.1
	Minimum	68	69	70	71	71	69	66	69	69	69	70	74	73	73	74	72	73	74	69	66	62	54	52	50	54	62	65	63	64	66	....	66.7
Due West	Maximum	89	89	88	89	89	84	87	91	90	87	92	89	92	95	96	96	92	85	78	80	72	73	75	75	70	86	84	83	88	....	....	86.0
	Minimum	64	65	68	70	69	70	64	66	68	68	69	71	71	69	75	75	74	70	67	63	57	56	52	51	49	62	62	61	62	65	....	65.1
Greenville	Maximum	86	86	89	86	87	82	85	87	84	84	91	88	92	94	96	97	93	91	81	76	77	71	73	72	72	69	83	80	81	85	....	83.9
	Minimum	65	65	69	70	72	66	67	67	68	67	70	71	71	71	78	76	74	70	66	60	58	54	55	55	51	60	64	67	65	67	....	66.0
Greenwood	Maximum	87	91	91	90	92	92	88	91	93	93	89	93	94	94	98	100	100	99	93	87	81	82	76	79	60	82	77	89	86	85	....	88.4
	Minimum	62	64	68	69	68	69	60	63	65	66	69	68	68	70	71	66	72	71	64	61	56	53	47	46	45	58	58	60	60	63	....	62.7
Heath Springs	Maximum	87	89	91	93	90	83	88	92	78	83	90	87	87	93	97	98	92	89	87	74	80	67	73	75	76	77	84	82	80	82	....	84.8
	Minimum	65	63	70	69	65	67	60	68	68	66	69	67	68	72	71	72	70	72	69	61	60	53	49	46	47	46	60	61	60	61	....	63.2
Hogback Mountain.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Kershaw	Maximum	86	89	90	92	89	85	90	93	85	84	90	88	89	94	96	94	96	90	88	74	80	70	74	78	78	81	86	84	87	89	....	86.3
	Minimum	66	65	70	69	68	67	60	62	69	66	69	69	70	74	72	72	75	62	70	62	60	54	50	48	48	61	60	62	61	61	....	64.4
Landrum	Maximum	88	87	89	91	89	85	89	91	87	89	90	91	95	99	100	100	98	95	86	79	75	73	75	75	74	81	88	84	84	89	....	87.2
	Minimum	60	61	65	73	67	67	64	63	66	67	69	70	64	66	73	71	70	68	67	59	57	50	50	46	46	56	61	58	73	73	....	63.3
Laurens	Maximum	91	93	90	95	90	87	91	95	91	90	93	93	95	100	100	101	99	95	88	81	85	76	77	78	79	75	91	86	86	92	....	89.4
	Minimum	64	65	68	62	68	68	62	62	69	68	70	69	68	67	71	69	72	70	67	64	57	56	50	48	48	60	59	59	61	61	....	63.4
Little Mountain	Maximum	90	92	86	88	90	92	90	95	92	89	93	90	94	96	98	96	93	86	87	88	83	73	75	76	80	85	89	85	89	89	....	88.3
	Minimum	62	66	66	68	69	70	58	65	65	66	67	70	69	70	74	66	69	66	64	62	59	49	44	49	53	60	62	62	63	64	....	63.2
Newberry	Maximum	90	93	92	89	93	86	92	95	92	89	94	94	95	99	101	99	99	95	88	80	83	73	76	76	78	79	88	86	85	90	....	89.0
	Minimum	66	67	70	70	69	69	58	64	68	69	71	69	70	70	73	69	75	70	68	63	59	53	49	48	48	61	61	61	62	64	....	64.5
Saluda	Maximum	89	89	89	89	89	89	88	90	89	83	92	92	90	95	95	95	94	91	90	84	79	79	72	72	75	76	82	82	82	87	....	86.3
	Minimum	66	63	70	70	66	67	54	59	64	68	70	68	66	67	68	63	71	69	68	66	54	53	46	42	42	58	59	56	59	60	...	61.7
Santuck	Maximum	90	91	92	91	90	84	90	94	87	88	92	91	93	98	99	99	97	93	89	81	82	71	75	74	78	76	89	84	85	91	....	87.8
	Minimum	62	62	68	68	65	69	58	59	67	67	71	66	65	65	68	62	74	67	67	63	56	53	46	42	40	54	62	55	57	63	....	61.4
Spartanburg	Maximum	88	90	90	92	90	84	88	90	87	86	92	91	93	97	99	99	96	92	92	85	80	79	75	75	75	76	76	86	82	88	....	87.1
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Trenton	Maximum	93	93	92	94	97	88	....	....	95	....	95	....	....	....	....	....	99	94	89	83	....	79	....	....	....	82	....	....	87	93	....	.....
	Minimum	75	65	71	72	69	68	62	67	68	69	70	70	73	72	75	73	75	72	68	67	60	53	51	50	50	60	62	62	62	64	...	65.8
Walhalla	Maximum	88	86	89	89	88	83	85	89	87	86	91	91	94	94	97	96	95	94	84	81	81	77	75	74	75	73	86	82	82	89	....	86.1
	Minimum	59	61	61	64	63	65	67	60	62	63	65	64	63	64	67	64	67	65	64	56	51	45	45	49	49	57	59	60	64	64	....	60.2
Winnsboro§§	Maximum	90	92	92	93	91	85	90	92	89	89	94	92	94	97	....	100	....	....	....	....	....	....	....	76	76	78	80	87	84	86	88	...	[e]88.5
	Minimum	66	68	71	69	69	61	60	65	68	67	67	71	70	71	72	....	....	....	....	62	....	....	....	50	48	49	52	62	61	62	63	....	[f]67.7
Winthrop College	Maximum	89	90	90	93	89	84	88	94	82	85	92	90	90	96	98	96	93	90	89	76	80	71	73	78	79	77	87	81	83	89	....	86.4
	Minimum	60	65	67	68	67	67	60	65	67	65	69	66	67	68	71	71	70	70	67	59	59	52	49	48	41	58	61	60	60	65	....	62.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., OCTOBER, 1927. No. 10.

GENERAL SUMMARY.

Crop growing and soil conditioning rains were confined mostly to the north-central counties during the early part of the month, and fall plowing was rather backward. Oat and rye planting proceeded slowly, with fair germination, and late crops were in need of rain as the month closed. The corn and forage harvests were practically finished by the 12th. Cotton picking and ginning continued throughout the month, with about 10% remaining unpicked in the higher Piedmont at the close. Sweet potato digging results were generally good. Fall cabbage on the coast was nearly ready for harvest, and spinach was developing nicely.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.03 inches. The highest pressure was 30.41 inches at Asheville, N. C., on the 15th, and in the Section proper, 30.39 inches at Due West and Greenville on the same date; the lowest pressure was 29.57 inches at Wilmington, N. C., on the 20th, and in the Section proper, 29.63 inches at Charleston on the 19th.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 35 stations, was 65.8°, or 2.2° above the normal. The highest temperature was 93° at Laurens on the 4th and at Trenton on the 8th and 23d. The warm periods were from the 1st to the 12th and from the 21st to the 31st, inclusive, with daily means ranging from 5° to 15° above normal. The lowest temperature was 32° at Walhalla on the 18th. The cool period was from tne 13th to the 20th, with daily means ranging from 5° to 16° below normal. Light frosts were quite general in the northwestern counties on the 14th, 15th, 16th, and 19th, and a killing frost occurred at Walhalla on the 18th.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 80%; noon, 53%; 8 p. m., 65%. The highest percentages occurred along the coast, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 3.25 inches, or 0.28 inch above the normal. The bulk of the rainfall occurred in two periods during the first half of the month, and the latter half was practically rainless. Precipitation was poorly distributed as to area and amounts; in a rather broad belt extending from the north-central border to the lower coast, the measurements ranged from 3 to over 7 inches, tapering off in other sections from 2 inches to less than one-half inch. The greatest local monthly amount was 7.47 inches at Camden; least local monthly amount, 0.49 inch at Aiken. The greatest 24-hour amount at any station was 1.40 inches at Beaufort (near). The average number of rainy days was 20% below normal.

WIND.

The prevailing winds were from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.8 miles. The highest average velocity was 11.9 miles per hour Savannah, Ga., and in the Section proper, 11.6 miles per hour at Charleston; the lowest average velocity was 4.1 miles per hour at Charlotte, N. C., and in the Section proper, 6.2 miles per hour at Columbia. The highest velocity for any 5-minute period was 50 miles per hour from the southeast on the 3d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 265.4 hours, or 74% of the possible amount. The average number of clear days was 21; partly cloudy, 5, and cloudy, 5, as against normals of 18, 6, and 7 days, respectively.

RIVER CONDITIONS.

The rivers of the Section continued uniformly low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia, Due West, and Greenville, 7. *Solar:* Due West, 12, 26, 27; Greenville, 27.

Fog, dense.—Charleston, 25; Columbia, 8; Mars Bluff, 1; Rimini, 8; Trenton, 1; Winnsboro, 10.

ERRATA.

August, 1927.—Gaston Shoals, total precipitation, pages 30 and 31, should be 3.82.

MISCELLANEOUS DATA FOR OCTOBER, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C....	30.06	58.2	81	34	3.43	2.18	8.1	nw.	84	49	60	71
Augusta, Ga.....	30.02	68.2	92	42	0.38	0.33	5.3	nw.	80	48	61	81
Charleston, S. C...	30.01	69.6	87	45	2.37	1.17	11.6	ne.	78	65	75	74
Charlotte, N. C ...	30.04	64.0	90	40	4.15	2.15	4.1	ne.	77	47	58	75
Columbia, S. C....	30.03	66.8	89	41	4.33	2.62	6.2	ne.	80	48	60	74
Due West, S. C....	30.07	65.0	88	39	3.26	2.82	8.0	ne.	79	45	....	84
Greenville, S. C...	30.04	65.6	86	39	1.61	0.87	7.9	ne.	75	62	62	62
Savannah, Ga.....	30.01	69.6	90	42	2.38	2.09	11.9	ne.	82	56	71	75
Wilmington, N. C.	30.02	66.4	87	41	1.44	0.65	7.3	ne.	82	55	76	74
Means and extremes	30.03	65.9	92	34	2.59	2.82	7.8	ne.	80	53	65	74

Climatological Data for October, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, melted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																				
Beaufort (near)‡‡	Beaufort	21	46	69.2	+1.4	91	4	44	19	35	4.51	+1.23	4.40	0	3	22	3	6	e.	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	66.4	+1.5	91	24	39	19	41	2.80	+0.05	2.70	0	2	26	1	4	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	69.6	+1.8	87	4	45	19	27	2.37	−1.56	1.17	0	5	18	7	6	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	63.2	+0.9	86	† 1	39	†14	46	6.42	+3.60	3.57	0	5	.....	.....	.....	.....	Roland D. Powe.
Conway	Horry	25	37	67.0	+2.2	88	5	43	17	44	1.90	−1.34	0.51	0	5	22	2	7	ne.	Paul Quattlebaum.
Darlington	Darlington	175	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	4.67	+1.74	1.42	0	7	.....	.....	.....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	66.3	+2.2	89	1	39	19	45	4.15	+1.19	3.05	0	5	.....	.....	.....	.....	Henry C. Savage.
Florence 1	Florence	136	45	66.2	+2.0	87	2	42	17	41	5.69	+2.72	2.10	0	7	22	5	3	ne.	H. K. Gilbert.
Florence 2	....do	136	12	.....	.....	.....	.....	.....	.....	.....	3.90	+0.93	1.65	0	5	21	3	4	ne.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	68.0	.....	91	5	37	†17	49	2.22	.....	1.90	0	3	25	5	1	.....	Maner B. Robert.
Georgetown	Georgetown	18	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. P. Hazard.
Kingstree	Williamsburg	54	45	67.0	+2.6	89	24	41	17	43	2.69	−0.07	1.55	0	4	24	5	2	n.	Mrs. Ellen Scott.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	4.34	.....	1.93	0	7	.....	.....	.....	.....	Rosa R. Davis.
Orangeburg	Orangeburg	264	11	66.8	+1.0	89	† 1	39	19	44	3.07	+1.05	2.50	0	6	20	5	6	e.	U. S. Fisheries Station.
Pinopolis	Berkeley	54	80	65.4	+1.3	85	8	41	19	.....	2.61	−0.37	1.70	0	5	23	4	4	ne.	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	1.26	−1.17	0.90	0	2	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	°61.7	−0.9	°89	1	38	†17	°40	5.54	+2.66	3.07	0	6	25	0	6	w.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. William Simons.
Wedgefield	Sumter	249	37	68.0	+4.1	89	8	40	19	44	4.00	+1.29	1.80	0	3	24	3	4	w.	W. Hampton Ramsey
Yemassee	Hampton	24	18	67.8	+2.2	90	5	39	†17	42	2.87	+0.04	2.73	0	3	22	0	9	ne.	W. C. Hutson.
Division means and	extremes	.....	....	66.6	+1.8	91	† 4	37	†17	49	3.61	+0.63	4.40	0	4	23	4	4	ne.	
Western Portion.																				
Aiken	Aiken	527	65	67.6	+3.7	91	2	37	19	39	0.49	−2.18	0.27	0	4	24	1	6	n.	Frank B. McCoy.
Anderson	Anderson	764	34	66.0	+2.9	90	1	38	18	39	2.97	+0.25	1.58	0	4	21	2	8	w.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	2.60	+0.11	1.23	0	4	.....	.....	.....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	3	60.4	.....	79	† 1	36	18	28	2.70	.....	2.60	0	2	17	8	6	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	66.1	.....	91	24	37	18	43	1.81	−0.99	1.52	0	3	22	2	7	w.	L. M. Parker.
Camden	Kershaw	222	77	.....	.....	m92	† 1	41	20	m43	7.47	+4.86	2.70	0	5	.....	.....	.....	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	5.94	+2.62	2.92	0	4	.....	.....	.....	.....	James G. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	0.91	−1.61	0.55	0	3	.....	.....	.....	.....	George V. Clamp.
Chester	Chester	487	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	35	65.2	+3.6	91	4	34	19	52	2.14	−1.16	0.76	0	4	21	9	1	e.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	66.8	+2.5	89	4	41	19	34	4.33	+1.48	2.62	0	4	16	11	4	ne.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.75	.....	0.98	0	4	.....	.....	.....	.....	Broad River Power Co.
Due West	Abbeville	711	13	65.0	+2.9	88	1	39	19	37	3.26	+1.43	2.82	0	6	18	9	4	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	2.00	−0.51	1.00	0	2	.....	.....	.....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	2.91	−0.05	1.35	0	5	.....	.....	.....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	65.6	+5.4	86	24	39	19	31	1.61	−1.59	0.87	0	6	20	5	6	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	66.0	+4.0	90	† 2	38	19	40	1.53	−1.30	1.08	0	4	24	0	7	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	64.2	+1.8	87	1	40	†15	35	5.12	+2.60	2.60	0	3	19	2	10	e.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	65.6	+1.6	89	† 1	41	18	41	6.18	+4.07	2.59	0	5	17	1	13	e.	John W. Hamel.
Landrum	Spartanburg	1063	12	64.5	+2.2	92	1	39	†16	37	2.83	−1.48	0.91	0	4	25	3	3	w.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	66.0	.....	93	4	40	†14	43	2.53	.....	1.82	0	4	19	11	1	sw.	L. G. Roff.
Little Mountain	Newberry	711	34	66.0	+2.0	89	2	38	†15	35	4.86	+2.05	1.97	0	3	22	8	1	w.	Miss Alberta Sease.
Lockhart	Union	336	.....	.....	.....	.....	.....	.....	.....	.....	2.55	.....	1.00	0	3	.....	.....	.....	.....	Broad River Power Co.
Newberry	Newberry	502	23	65.8	+2.4	89	24	39	†14	41	2.16	−0.34	1.22	0	3	21	2	8	ne.	John H. Baxter.
Pelzer	Anderson	850	28	.....	.....	.....	.....	.....	.....	.....	1.62	−1.80	0.96	0	5	.....	.....	.....	.....	Joshua Y. Jones.
Saluda	Saluda	536	25	62.8	−0.1	87	† 4	36	19	41	1.75	−1.03	1.18	0	3	20	11	0	n.	W. S. Crout.
Santuck	Union	512	34	63.2	+1.3	90	1	35	16	50	2.98	−0.13	1.70	0	4	20	7	4	se.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	.....	.....	90	1	.....	.....	.....	1.90	−0.64	1.25	0	4	27	1	3	.....	M. H. Daniel.
Trenton	Edgefield	620	34	68.0	+3.4	93	† 8	38	19	38	1.43	−1.53	0.70	0	3	17	7	7	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	63.8	+3.2	89	7	32	18	48	3.63	+0.27	1.38	0	4	21	9	1	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	33	°65.6	+3.2	°89	1	39	18	°37	6.61	+3.64	3.46	0	5	19	8	4	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	65.7	+3.3	90	1	39	19	40	3.82	+1.13	2.60	0	3	18	10	3	n.	W. T. Clawson.
Division means and	extremes	.....	....	65.2	+2.6	93	† 4	32	18	52	3.04	+0.01	3.46	0	4	20	6	5	ne.	
Section means and	extremes	.....	....	65.8	+2.2	93	† 4	32	18	52	3.25	+0.28	4.40	0	4	20	6	5	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters (a, b, c), appearing in the table indicate number of days missing; for example, b represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for October, 1927.

Stations.	Drainage basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																.08	4.51
Beaufort(near).	Coast		T.	4.40							.10		.03																				2.80
Blackville ‖	Edisto			2.70	T																						T	T.			.02	2.37
Charleston ***	Coast		.89	.28	T.					.32			.86						T.													6.42
Cheraw ‖‖	Pee Dee			.26	1.52					3.57	.28			.79													T.					1.90
Conway ‖‖	Waccamaw	T.		.51	.21						.27		.45	.46																		
Darlington ‖‖	Pee Dee																																4.67
Effingham ‖‖	Lynches			1.42	.17					.25	.85		.45	1.42					.11														4.15
Ferguson ‖‖	Santee			3.05	.23						.18		.22	.47																			5.69
Florence 1 ‖‖	Pee Dee			1.10	.37					.76	1.09		.16	2.10					.11														3.90
Florence 2 ‖‖	....do			.80	1.00				.35					1.65					.10														2.22
Garnett	Savannah		.30	1.90				.02		T.																							
Georgetown	Coast																																2.69
Kingstree ‖‖	Black			1.55	T.					.37			.62	.15																			4.34
Mars Bluff	Pee Dee			.60	.34					.13	1.05		.09	1.93					.20														3.07
Orangeburg	Edisto			2.50	.29					.04	.09		.01	.14																		.10	2.61
Pinopolis	Cooper		1.70	.20						.11			.50																				1.26
Rimini ‖‖	Santee			.90							.36																						5.54
Society Hill ‖‖	Pee Dee			.45	1.26					3.07	.22			.42					.12														
Summerville	Ashley													1.00																			4.60
Wedgefield	Wateree			1.80						1.20				T.																			2.87
Yemassee ‖‖	Ashepoo			2.73							.01		.13																				
Western Portion.																																	0.49
Aiken	Edisto			.27						.09			.07	.06																			2.97
Anderson	Savannah			.38					.68	1.58			.33																				2.60
Blairs ‖‖	Broad			.89	.27					1.23				.80																			2.70
Caesar's Head	Saluda			.10										2.60																			1.81
Calhoun Falls ‖‖	Savannah			.07						1.52				.22																			7.47
Camden ‖‖	Wateree			1.35	2.70					2.35	.35			.72																			5.94
Catawba ‖‖	Catawba			1.00	1.53					2.92				.49																			0.91
Chappells ‖‖	Saluda			.35						.55			.01																				
Chester	Broad																																2.14
Clemson College	Savannah			.36					.52	.50			.76																				4.33
Columbia ***	Congaree		.03	2.59					T.	1.42		T.	.29																				1.75
Crescent	Enoree			.27						.98			.32	.18																			3.26
Due West ***	Savannah		.04	.20					1.84	.98		.05	.15					T															2.60
Edgefield ‖‖	Savannah										1.00			1.00																			2.91
Gaston Shoals ‖‖	Broad			.23	.64				1.35				.43	.26																			1.61
Greenville ***	Saluda		.07	.09					.83	.04		.28	.30																				1.53
Greenwood ‖‖	....do			.26						1.08			.12	.07																			5.12
Heath Springs	Wateree			2.60						2.00			.52																				
Hogback Mountain	Broad																																6.18
Kershaw ‖‖	Lynches			.98	2.06					2.59	.03			.52																			2.83
Landrum	Broad			.47					.63	.82			.91																				2.58
Laurens	Saluda			.15					.19	1.82			.37																				4.86
Little Mountain	Saluda			2.15						1.97			.74																				2.55
Lockhart	Broad			.95						1.00				.60																			2.16
Newberry	Saluda		T	.84					T.	1.22	T.		.10																				1.62
Pelzer ‖‖	....do			14	.61					.96			.34	.14																			1.75
Saluda	....do		T.	.30					T.	1.18			.27																				2.98
Santuck	Broad			.79					.16	1.54			.49					T.															1.90
Spartanburg ‖‖	....do			.35						1.25			.30																				1.43
Trenton	Edisto		T.	.30						.70			.43																				3.63
Walhalla	Savannah			.50					1.17	.58			1.38																				6.61
Winnsboro ‖‖	Broad			1.80	.52					3.46	.06			.77																			3.82
Winthrop College	Catawba			2.00						.98			.84																				

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. ‡Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR OCTOBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	61.4	91	30	5.96	8				n.
1888	59.3	88	31	4.18	7				sw
1889	60.8	88	27	1.65	3				n.
1890	63.0	90	22	4.06					
1891	60.2	92	28	1.63					nw.
1892	63.8	89	27	0.60					ne.
1893	64.4	90	25	4.92	5	18	7	6	ne.
1894	64.2	98	33	4.95	5	20	6	5	ne.
1895	61.3	95	28	1.15	3	20	7	4	ne.
1896	61.3	91	28	1.41	4	15	8	8	ne.
1897	65.8	96	35	3.23	5	14	8	9	ne.
1898	62.9	90	28	3.82	9	14	8	9	ne.
1899	64.2	91	34	5.00	6	14	7	10	ne.
1900	67.6	95	33	3.65	9	13	7	11	ne.
1901	62.4	92	29	0.89	3	22	6	3	ne.
1902	63.2	95	30	4.40	7	19	5	7	ne.
1903	62.0	93	25	2.63	5	18	6	7	n.
1904	62.4	98	26	1.10	3	23	5	3	ne.
1905	64.2	93	29	1.97	6	15	6	10	ne.
1906	61.9	90	24	3.69	7	14	6	11	ne.
1907	61.2	91	28	0.73	3	19	7	5	ne.
1908	62.0	89	35	4.22	6	19	6	6	ne.
1909	61.2	96	27	2.43	5	23	5	3	ne.
1910	66.5	100	22	4.39	6	20	7	4	ne.
1911	67.5	99	37	5.89	8	12	9	10	ne.
1912	65.0	94	32	2.21	5	18	4	9	ne.
1913	62.5	95	28	3.56	6	19	6	6	ne.
1914	64.7	92	26	3.44	8	13	7	11	ne.
1915	67.0	93	27	4.95	8	18	7	6	ne.
1916	64.0	92	31	2.54	5	16	7	8	ne.
1917	59.3	90	22	1.50	4	23	5	3	sw.
1918	67.3	93	33	3.75	5	15	8	8	ne.
1919	73.7	101	44	2.53	5	13	10	8	sw.
1920	64.1	92	25	0.76	2	24	4	3	ne
1921	62.6	90	27	1.79	4	21	4	6	ne.
1922	64.5	94	31	5.57	8	18	5	8	e.
1923	62.9	90	29	1.14	4	18	6	7	ne.
1924	62.2	89	28	1.50	2	23	3	5	ne.
1925	63.9	98	26	2.93	8	15	7	9	ne.
1926	65.1	96	26	1.44	5	17	7	7	sw.
1927	65.8	93	32	3.25	4	20	6	5	ne.
Period	63.6	101	22	2.97	5	18	6	7	e.

Daily Temperatures for October, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	88	80	85	91	85	83	84	87	78	79	82	84	79	71	70	72	77	66	70	77	65	79	86	89	80	75	75	79	80	81	76	79.1
	Minimum	65	68	75	70	69	67	67	66	70	60	61	70	60	50	50	50	50	48	44	49	52	56	54	59	58	63	56	57	60	53	60	59.3
Blackville	Maximum	88	80	86	90	80	80	89	90	80	79	88	82	77	70	69	73	70	65	70	80	88	86	89	91	80	65	78	80	82	80	80	79.9
	Minimum	62	62	70	68	63	60	60	60	67	55	51	52	58	41	42	42	40	41	59	41	44	45	49	53	53	55	50	50	51	50	50	53.0
Charleston	Maximum	81	80	84	87	84	82	80	84	81	76	79	82	76	69	69	71	73	61	67	74	81	73	84	84	78	72	74	77	79	78	74	77.2
	Minimum	71	71	76	75	72	70	71	71	69	61	62	72	60	55	56	54	52	48	45	48	54	60	59	61	63	61	59	60	61	69	62	61.9
Cheraw§§	Maximum	86	85	79	86	82	82	83	84	70	71	77	74	72	67	66	71	72	58	66	76	81	80	86	85	75	68	68	77	82	77	77	76.2
	Minimum	60	58	70	65	55	55	58	59	64	52	45	64	54	39	41	39	40	40	42	39	43	40	43	40	48	51	46	58	48	48	54	50.3
Conway	Maximum	85	84	84	87	88	85	85	87	78	77	81	80	77	71	71	75	77	61	65	73	83	80	86	89	84	70	69	77	82	86	80	79.3
	Minimum	63	66	73	70	58	62	58	60	66	50	51	66	61	44	44	44	43	47	45	46	45	61	44	45	52	62	54	59	56	50	54	54.8
Darlington §§	Maximum	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Ferguson §§	Maximum	89	87	88	85	86	85	86	87	83	77	81	82	74	69	70	72	75	63	68	75	83	85	86	82	81	74	80	80	83	81	81	79.9
	Minimum	60	65	64	70	58	59	57	61	59	56	48	69	57	43	46	40	40	44	39	40	42	40	44	51	53	58	55	59	58	51	49	52.7
Florence I	Maximum	86	87	81	83	86	85	83	84	77	74	81	76	72	70	66	67	74	64	67	74	84	84	85	86	77	74	80	81	78	76	74	77.9
	Minimum	64	63	73	69	60	60	61	62	69	54	51	68	57	44	44	44	42	44	43	44	47	44	50	52	58	54	53	55	55	54	53	54.5
Garnett	Maximum	89	84	87	90	91	87	88	90	89	82	85	85	79	72	72	76	79	69	70	77	86	84	88	90	84	78	80	82	86	88	79	82.8
	Minimum	62	65	72	65	65	63	63	63	63	58	55	65	55	45	46	52	37	44	38	37	40	47	45	45	50	60	54	53	48	43	55	53.3
Georgetown	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Kingstree	Maximum	87	83	83	83	87	87	86	87	76	76	81	78	77	69	68	73	75	62	68	74	85	82	86	89	82	72	70	78	83	85	82	79.2
	Minimum	62	65	74	71	60	63	59	62	68	54	50	69	59	45	45	44	41	45	43	45	44	45	46	51	56	57	55	59	54	51	57	54.8
Orangeburg	Maximum	89	87	83	87	87	85	87	86	78	77	81	83	80	68	67	71	74	69	70	76	83	81	87	89	81	77	77	79	83	84	79	80.1
	Minimum	60	64	73	69	62	62	59	63	69	56	51	68	54	43	45	43	40	43	39	43	43	43	45	48	54	58	53	55	52	49	56	53.6
Society Hill §§	Maximum	89	...	....	81	77	80	80	76	69	69	77	69	72	65	65	70	70	....	75	70	72	80	74	70	74	67	63	71	83	77	77	°73.6
	Minimum	58	60	60	68	57	58	58	60	60	53	48	49	55	42	41	42	38	38	41	44	46	40	40	46	46	53	49	49	51	49	45	49.8
Summerville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Wedgefield	Maximum	88	86	82	88	88	85	84	89	80	79	82	80	74	70	68	73	78	68	68	75	85	82	85	88	84	77	75	80	85	83	85	80.5
	Minimum	63	62	78	72	62	62	62	64	68	57	51	68	55	44	44	43	42	42	40	41	47	47	52	52	57	58	52	58	55	63	57	55.4
Yemassee	Maximum	87	82	86	89	90	88	86	89	78	80	89	84	77	72	71	74	78	67	69	76	81	82	87	89	80	76	79	81	85	86	76	81.2
	Minimum	63	65	72	68	65	63	63	63	66	57	53	69	55	45	45	45	39	44	39	42	44	50	47	53	54	61	54	54	50	46	57	54.5
Western Portion.																																	
Aiken	Maximum	87	91	88	89	88	86	87	88	84	81	79	83	73	69	67	72	77	73	67	76	84	82	88	87	84	76	75	77	82	84	79	80.7
	Minimum	65	66	63	68	66	64	63	69	70	57	55	67	48	45	44	45	46	40	37	42	47	51	49	53	53	58	51	54	51	51	56	44.6
Anderson	Maximum	90	85	85	89	88	85	85	75	79	77	75	81	69	69	62	70	72	64	69	76	84	86	87	87	78	72	76	78	84	85	72	78.5
	Minimum	65	61	68	63	58	61	61	65	64	55	53	59	48	40	44	42	45	38	40	45	48	48	51	56	62	56	51	51	48	54	56	53.4
Caesar's Head	Maximum	79	75	77	77	75	76	72	63	70	67	63	64	61	61	57	64	58	47	58	66	75	72	79	79	69	63	67	69	76	73	65	68.3
	Minimum	62	67	63	58	59	59	57	63	58	50	52	54	46	40	41	44	47	36	37	38	50	51	53	63	57	49	50	54	60	60	51	52.5
Calhoun Falls §§	Maximum	90	85	85	83	90	88	88	86	81	79	79	82	71	71	67	73	74	66	71	78	86	85	90	91	80	76	76	80	86	87	77	80.7
	Minimum	64	65	65	65	56	59	58	59	66	58	53	54	49	39	41	38	40	37	39	40	47	45	47	53	55	57	51	48	46	47	57	51.5
Camden §§	Maximum	92	92	91	90	82	88	....	....	....	....	....	....	79	80	....	....	....	78	...	70	77	80	81	86	88	....	....	....	80	84	86	.....
	Minimum	66	67	72	64	63	61	63	66	66	61	56	57	51	49	44	46	48	43	43	41	45	48	44	45	46	55	48	52	53	48	51	53.6
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	90	88	87	91	88	86	63	80	84	78	76	80	69	71	67	77	75	73	70	76	84	86	86	90	77	74	78	82	90	85	80	80.7
	Minimum	63	58	68	58	54	57	56	64	66	49	50	58	44	36	40	37	40	38	34	40	39	47	49	49	56	54	47	48	40	39	59	49.6
Columbia	Maximum	87	84	84	89	85	83	85	86	76	74	77	80	72	67	65	70	74	60	66	75	82	80	88	87	80	71	72	75	83	81	75	77.8
	Minimum	65	64	72	71	64	63	64	66	63	58	55	62	53	44	46	47	46	43	41	47	48	49	57	58	59	55	51	53	54	55	56	55.8
Due West	Maximum	88	84	84	87	85	83	84	76	78	74	75	81	66	65	64	70	70	60	67	75	83	80	85	87	78	71	73	76	83	82	73	77.0
	Minimum	64	61	70	63	58	60	59	67	63	55	53	58	45	44	44	44	46	39	39	42	47	45	48	51	60	57	49	52	50	57	57	53.1
Greenville	Maximum	85	82	84	86	82	82	81	71	77	73	71	77	65	65	61	70	67	56	65	76	81	79	84	86	74	69	73	74	84	77	70	75.1
	Minimum	69	63	68	64	62	62	64	64	61	54	55	58	49	47	45	47	48	44	39	45	51	56	56	62	61	56	54	59	60	59	58	56.1
Greenwood	Maximum	89	90	89	85	90	86	88	88	83	81	78	81	84	68	69	69	74	74	61	67	75	83	83	82	89	84	77	79	80	88	88	80.7
	Minimum	61	57	65	64	55	56	58	59	66	58	50	49	49	40	40	40	47	39	38	39	46	47	49	53	56	55	47	48	52	51	54	51.2
Heath Springs	Maximum	87	81	72	86	81	80	80	79	74	70	70	72	69	65	66	69	71	59	65	72	81	77	84	85	73	67	69	77	84	77	74	74.7
	Minimum	60	61	70	67	58	59	59	60	64	52	49	66	52	41	40	41	48	40	43	40	52	49	59	56	57	52	45	57	53	58	53	53.6
Hogback Mountain.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Kershaw	Maximum	89	89	86	86	84	84	84	82	73	73	77	75	75	65	66	70	72	55	65	75	82	81	89	88	76	72	73	78	80	84	77	77.6
	Minimum	63	62	62	67	58	58	58	63	65	53	49	65	52	42	43	48	45	41	44	44	50	48	53	53	56	54	49	58	53	54	57	53.7
Landrum	Maximum	92	87	85	88	85	86	86	76	76	76	73	79	69	65	63	70	69	60	59	71	80	80	88	87	77	70	75	79	85	77	69	76.8
	Minimum	66	58	60	60	56	55	54	64	61	48	46	58	47	40	40	39	39	45	43	52	58	55	50	58	58	52	47	53	48	51	57	52.2
Laurens	Maximum	91	88	88	93	90	86	92	82	81	78	78	87	70	69	67	73	71	60	63	78	85	83	87	91	81	73	77	79	87	84	76	80.3
	Minimum	62	60	71	63	56	56	56	63	65	53	50	63	48	40	44	40	42	41	40	43	44	45	46	50	59	55	47	52	43	51	54	51.7
Little Mountain	Maximum	88	89	87	85	84	85	85	83	79	72	78	83	70	65	65	68	72	70	70	73	79	80	81	83	82	84	85	75	79	81	75	78.5
	Minimum	63	64	67	63	59	57	60	62	65	56	58	60	50	40	38	39	40	38	39	44	48	50	55	57	55	59	53	50	49	57	60	53.4
Newberry	Maximum	88	88	85	88	87	85	85	85	79	77	80	84	70	68	67	73	73	62	62	75	83	83	88	89	81	74	76	78	85	85	78	79.4
	Minimum	63	61	71	64	58	58	58	66	68	58	52	64	50	39	41	41	43	41	39	42	43	43	49	49	57	55	44	53	46	51	54	52.3
Saluda	Maximum	82	82	82	87	87	84	82	81	76	76	73	73	68	64	63	63	66	66	64	71	80	80	65	79	79	74	72	72	71	76	76	74.6
	Minimum	59	60	65	66	59	55	53	63	66	58	48	57	49	37	39	39	38	41	36	40	49	48	45	56	53	54	43	45	52	53	54	51.0
Santuck	Maximum	90	87	87	88	86	84	85	79	77	79	77	81	71	65	65	71	66	60	67	76	84	81	87	88	76	70	73	78	84	79	75	77.9
	Minimum	62	65	71	61	54	53	53	66	66	65	45	47	47	36	37	35	39	39	38	39	42	37	40	41	52	53	38	39	40	45	54	48.4
Spartanburg	Maximum	90	87	86	89	87	86	86	80	79	78	75	78	70	66	65	71	68	58	64	75	82	84	87	87	77	70	75	74	85	80	74	77.8
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Trenton	Maximum	86	87	88	89	84	84	84	93	84	72	81	87	71	75	73	78	80	68	69	79	87	81	93	88	82	75	81	86	80	81	82	81.5
	Minimum	64	67	62	64	64	59	63	68	64	58	55	64	51	45	43	42	49	41	38	42	52	52	57	50	50	57	48	52	54	58	55	54.5
Walhalla	Maximum	88	85	86	88	84	85	89	80	87	77	79	78	67	67	63	73	70	61	69	77	83	82	88	87	77	71	75	77	86	82	73	78.5
	Minimum	61	58	65	56	49	55	57	64	63	45	52	55	40	35	42	38	40	32	36	40	45	40	42	47	61	51	45	46	41	58	59	49.0
Winnsboro §§	Maximum	89	86	83	87	85	84	85	84	76	74	76	80	71	67	65	70	73	...	65	75	83	80	87	87	81	71	74	77	83	81	76	°78.5
	Minimum	64	61	63	66	59	60	62	63	65	57	50	56	52	41	41	42	46	39	41	43	47	46	49	54	56	53	47	55	50	54	53	52.7
Winthrop College	Maximum	90	83	82	87	86	84	85	78	76	76	77	75	72	68	67	73	65	65	61	75	80	81	85	88	85	77	75	76	86	80	77	78 0
	Minimum	64	61	69	64	58	77	60	65	63	50	50	65	48	45	41	42	45	40	39	43	48	45	50	54	60	56	45	48	48	55	56	53.4

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 11-21-27—900

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., NOVEMBER, 1927. No. 11.

GENERAL SUMMARY.

The month was high in the group of warm Novembers, and precipitation was considerably below normal.

Winter cereal plowing and planting were rather backward incident to light and generally deficient rainfall, especially during the almost rainless period after the 18th. However, fair stands of wheat, oats, and rye were developed, but much plowing and planting remained to be done. Drought effects were reflected in the condition of winter truck in the interior and commercial truck on the coast. Considerable hog killing was done during the cold periods about the 7th and 20th. All staple crops were beyond danger from frost. The woods were generally bare by the 25th.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.19 inches. The highest pressure was 30.63 inches at Charlotte, N. C., on the 13th, and in the Section proper, 30.61 inches at Due West on the same date; the lowest pressure was 29.46 inches at Wilmington, N. C., on the 3d, and in the Section proper, 29.50 inches at Columbia on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 34 stations, was 57.2°, or 3.6° above the normal. The highest temperature was 84° at Trenton on the 1st and at Blackville on the 12th. This is 8 degrees below the previous highest November temperature record (1919). The warm periods were on the 1st and 2d, from the 8th to the 17th and from the 22d to the 30th, inclusive. The lowest temperature was 27° at Santuck on the 21st. The cold periods were from the 4th to the 7th and from the 18th to the 21st, inclusive. Killing frosts were quite general in the northern counties about the 7th, advancing southward over the central counties about the 21st.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 83%; noon, 61%; 8 p. m., 71%. The highest percentages occurred in the coastal and western regions, and the lowest, in the north-central interior.

PRECIPITATION.

The average for the Section, 48 stations reporting, was 1.45 inches, or 0.84 inch below the normal. Precipitation occurred in three fairly well defined periods up to the 18th, after which there was practically no rain. Aside from northern Greenville County, the total amounts were generally less than 2 inches, tapering off to less than one-half inch along the lower coast. The greatest local monthly amount was 5.58 inches at Caesar's Head; least local monthly amount, 0.43 inch at Beaufort (near). The greatest amount during any 24 hours was 1.70 inches at Caesar's Head on the 17th. The average number of rainy days was normal. There was no snowfall or sleet.

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WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 7.7 miles. The highest average velocity was 11.2 miles per hour at Savannah, Ga., and in the Section proper, 9.0 miles per hour at Charleston; the lowest average velocity was 5.0 miles per hour at Augusta, Ga., and in the Section proper, 6.5 miles per hour at Columbia. The highest velocity for any 5-minute period was 35 miles per hour from the north at Asheville, N. C., on the 17th, and in the Section proper, 34 miles per hour from the southwest at Columbia on the same date.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 180.3 hours, or 58% of the possible amount. The average number of clear days was 15; partly cloudy, 6, and cloudy, 9, as against normals of 17, 6, and 7 days, respectively.

RIVER CONDITIONS.

On account of rather persistent drought, the rivers continued low throughout the month.

MISCELLANEOUS PHENOMENA (dates).

Frost, Killing or Freezing Temperature.—6th, 1 station; 7th, 19; 19th, 3; 20th, 7; 21st, 1.

Halos—Lunar: Due West, 4; Santuck, 5. *Solar:* Due West, 15, 28; Greenville, 28.

Fog, dense.—Beaufort (near), 12, 14, 29; Blairs, 2; Calhoun Falls, 16; Catawba, 16; Charleston, 23; Cheraw, 16; Columbia, 2, 27; Due West, 9, 12, 16; Garnett, 15, 29, 30; Greenville, 9, 16; Landrum, 9; Mars Bluff, 2, 27; Pelzer, 12, 16; Rimini, 2, 15; Santuck, 2; Trenton, 16; Winnsboro, 2.

ERRATA.

October, 1927.—Conway, highest temperature, page 38, should be 90 degrees on the 24th.

MISCELLANEOUS DATA FOR NOVEMBER, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.19	49.8	74	24	2.76	1.67	8.7	se.	82	58	68	43
Augusta, Ga.	30.19	59.9	82	30	0.82	0.72	5.0	nw.	84	65	72	67
Charleston, S. C.	30.19	61.6	79	39	0.46	0.16	9.0	ne.	84	67	78	72
Charlotte, N. C.	30.19	55.0	79	29	1.30	1.10	5.2	sw.	80	57	61	59
Columbia, S. C.	30.20	58.4	82	30	0.51	0.33	6.5	ne.	80	54	61	49
Due West, S. C.	30.22	56.0	78	29	1.54	0.97	8.4	sw.	81	55	....	54
Greenville, S. C.	30.18	55.3	76	31	1.78	0.54	8.8	ne.	82	68	69	47
Savannah, Ga.	30.19	62.8	81	36	0.40	0.26	11.2	ne.	87	66	78	65
Wilmington, N. C.	30.20	58.8	79	32	2.08	0.74	6.6	sw.	85	58	81	63
Means and extremes.	30.19	57.6	82	24	1.29	1.67	7.7	ne.	83	61	71	58

Climatological Data for November, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Beaufort (near)‡‡	Beaufort	21	46	62.0	+3.3	82	25	34	21	40	0.43	−1.74	0.20	0	4	17	9	6	e.	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	59.2	+3.6	84	12	27	21	47	0.70	−1.35	0.50	0	3	26	0	4	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	61.6	+3.5	79	25	39	19	22	0.46	−2.41	0.16	0	6	14	10	6	ne.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	55.1	+2.7	80	†12	24	21	47	1.98	−0.20	0.58	0	5	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	37	59.0	+4.6	83	12	27	21	46	1.30	−0.93	0.85	0	5	14	0	16	ne.	Paul Quattlebaum.
Darlington	Darlington	175	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	2.47	+0.42	1.34	0	6	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	58.1	+3.1	83	13	25	21	48	1.17	−0.96	0.56	0	5	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	45	57.8	+3.7	81	12	27	21	42	1.88	−0.17	0.88	0	7	17	8	5	sw.	H. K. Gilbert.
Florence 2	....do	136	12	.....	.....	.....	.....	.....	.....	.....	1.58	−0.47	0.70	0	5	18	7	5	s.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	60.2	.....	83	12	26	21	47	1.04	.....	0.52	0	5	13	15	2	....	Miner B. Robert.
Georgetown	Georgetown	18	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. P. Hazard.
Kingstree	Williamsburg	54	45	59.4	+4.6	82	12	26	21	46	0.98	−1.10	0.43	0	4	20	1	9	s.	Mrs. Ellen Scott.
Marion	Marion	68	4	[b]60.1	.....	[b]83	†15	[b]28	22	[b]48	1.58	.....	1.04	0	4	....	....	....	.....	Alden F. Sehul.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	1.39	.....	0.60	0	4	....	....	....	.....	Rosa R. Davis.
Orangeburg	Orangeburg	264	11	59.5	+5.1	83	12	27	21	44	0.77	−0.73	0.72	0	2	14	6	10	nw.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	1.28	−0.43	0.56	0	6	....	....	....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	[a]54.0	+2.3	[a]81	13	[a]24	21	[a]43	1.89	−0.29	0.86	0	4	19	3	8	w.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	.....	.....	P80	†26	P29	21	P44	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. William Simons.
Wedgefield	Sumter	249	37	59.6	+5.6	80	†12	31	21	37	1.85	−0.22	1.60	0	2	26	1	3	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	60.5	+4.7	83	12	27	21	47	1.14	−0.93	0.69	0	6	18	4	8	sw.	W. G. Hutson.
Division means and	extremes	.....	....	59.0	+4.3	84	12	24	21	48	1.33	−0.80	1.34	0	5	18	5	7	sw.	
Western Portion.																			
Aiken	Aiken	527	65	60.4	+6.1	81	12	30	21	40	0.69	−1.85	0.55	0	3	21	3	6	nw	Frank B. McCoy.
Anderson	Anderson	764	34	56.3	+3.5	79	† 2	30	†20	37	1.31	−1.33	0.88	0	4	14	0	16	e.	H. H. Russell.
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	1.36	−0.88	0.55	0	4	....	....	....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	3	50.8	.....	69	†12	26	19	28	5.58	.....	1.70	0	5	9	4	17	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	57.5	.....	81	12	28	21	40	1.08	−0.24	0.64	0	3	9	8	13	s.	L. M. Parker.
Camden	Kershaw	222	77	.....	.....	.....	.....	25	†21	.....	2.02	−0.31	0.84	0	6	....	....	....	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	0.92	−1.44	0.80	0	2	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	1.24	−0.94	0.94	0	3	....	....	....	.....	George V. Champ.
Chester	Chester	487	5	.....	.....	.....	.....	.....	.....	.....	1.53	.....	0.87	0	5	....	....	....	.....	J. C. Cornwell.
Clemson College	Oconee	850	35	55.8	+4.9	81	25	25	†20	47	1.98	−0.81	1.21	0	5	12	14	4	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	58.4	+4.4	82	12	30	21	33	0.51	−1.72	0.32	0	5	12	10	8	ne.	U S. Weather Bureau.
Crescent	Spartanburg	.....	....	.....	.....	.....	.....	.....	.....	.....	1.80	.....	1.38	0	6	....	....	....	.....	Broad River Power Co.
Due West	Abbeville	711	13	56.0	+3.0	78	2	29	21	33	1.54	−0.48	0.97	0	6	8	10	12	sw.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	1.10	−1.17	1.10	0	1	....	....	....	.....	D. W. Sharpe.
Gaston Shoals ††	Cherokee	680	24	.....	.....	.....	.....	.....	.....	.....	0.98	−1.75	0.60	0	6	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	55.3	+5.7	76	2	31	20	23	1.78	−1.25	0.54	0	7	11	6	13	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	56.4	+4.5	81	† 2	28	†20	39	1.52	−1.14	0.91	0	5	18	0	12	sw.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	54.4	+2.4	76	†12	25	20	42	1.20	−0.96	0.60	0	5	18	2	10	w.	J. Marvin Bowers.
Hogback Mountain	Greenville	3025	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	56.5	+2.9	81	16	27	† 7	40	1.57	−0.34	0.37	0	5	11	0	19	e.	John W. Hamel.
Landrum	Spartanburg	1063	12	54.7	+3.5	80	2	25	21	41	1.80	−1.48	0.86	0	3	17	4	9	sw.	R. Hurtwell Wilds, D.D.S.
Laurens	Laurens	589	9	56.8	.....	83	2	26	21	45	1.49	.....	1.07	0	5	13	13	4	ne.	L. G. Roff.
Little Mountain	Newberry	711	34	56.0	+2.3	78	11	28	20	35	1.29	−1.07	0.79	0	2	17	8	5	s.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	0.92	.....	0.50	0	4	....	....	....	.....	Broad River Power Co.
Newberry	Newberry	502	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	1.84	−0.92	0.88	0	7	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	25	55.2	+2.6	77	†12	23	21	41	0.88	−1.60	0.74	0	4	14	10	6	sw.	W. S. Crout.
Santuck	Union	512	34	54.8	+3.8	80	2	22	21	47	2.40	−0.42	1.11	0	7	12	9	9	s.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	54.2	+3.5	80	2	24	21	34	1.65	−1.18	0.75	0	4	21	0	9	.....	M. H. Daniel.
Trenton	Edgefield	620	34	59.8	+4.9	84	1	32	20	39	0.93	−1.52	0.93	0	1	13	9	8	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	54.0	+3.4	79	2	24	20	46	2.42	−0.58	1.01	0	9	11	4	15	sw.	H. W. Brandt.
Winnsboro	Fairfield	545	33	[a]58.3	+5.6	[a]78	†16	[a]29	20	[a]34	1.22	−0.95	0.66	0	5	13	8	9	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	58.0	+6.3	80	† 2	27	7	39	1.05	−1.23	1.05	0	1	14	8	8	s	W. T. Clawson.
Division means and	extremes	.....	....	56.0	+3.7	84	1	22	21	47	1.52	−0.99	1.70	0	4	14	6	10	ne.	
Section means and	extremes	.....	....	57.2	+3.6	84	† 1	22	21	47	1.45	−0.84	1.70	0	5	15	6	9	se.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for November, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort(near)	Coast	.20		.05							T.				.04	T.		.14															0.43
Blackville ‖‖	Edisto				.10						.10								.50														0.70
Charleston ***	Coast	.14		.06			T.		T.	.05					.01	T.	.11	.09															0.46
Cheraw ‖‖	Pee Dee		T.		.58					T.				.41			.06	.41	.52														1.98
Conway ‖‖	Waccamaw		.11		.12					.12								.10	.85														1.30
Darlington ‖‖	Pee Dee																.08	.57	1.34														2.47
Effingham ‖‖	Lynches		.06		.25					.17							.03	.43	.56														1.17
Ferguson ‖‖	Santee	.12	T.							.03								.41	.88												.02		1.88
Florence 1 ‖‖	Pee Dee	.04	.01			.02				.50							T.	.10	.70												.32		1.58
Florence 2 ‖‖	do		T.	.25						.21								.01	.52														1.04
Garnett	Savannah	.10		.22			T.			.19																							0.98
Georgetown	Coast																	.30	.43														1.58
Kingstree ‖‖	Black	T	T.		.25					.10							.03	.27	1.04												T		1.39
Marion	Pee Dee									.24								.35	.60														0.77
Mars Bluff	do		T		.15					.29								.72															
Orangeburg	Edisto			.05																													1.28
Pinopolis	Cooper																.09	.48	.56														1.89
Rimini ‖‖	Santee	.04	T.	.06						.05								.86	.53														
Society Hill ‖‖	Pee Dee				.25					.25							.43	.35	.17														1.85
Summerville	Ashley															T.			1.60														1.14
Wedgefield	Wateree			.25														.12	.69														
Yemassee‖‖	Ashepoo	.03			.17					.05		.08																					0.69
Western Portion.																																	
Aiken	Edisto			.07						.07								.55															1.31
Anderson	Savannah			.08					.10	.25								.88															1.36
Blairs ‖‖	Broad				.04					.27	.50								.55													1.12	5.58
Cesar's Head	Saluda		1.38						.18	.32							1.20	1.70															1.08
Calhoun Falls ‖‖	Savannah			T.						.16				.84			.12	.12	.64														2.02
Camden ‖‖	Wateree				.12													.03	.75														0.92
Catawba ‖‖	Catawba									.12									.80														1.24
Chappells ‖‖	Saluda			.05						.25									.94														1.53
Chester	Broad			.11					.37	.50		.22	T.				.05	.87															1.98
Clemson College	Savannah									.50							.08	.10	1.21														0.51
Columbia ***	Congaree	T.		.03		T.		T.	.04	.07				T.			T.	.04	.33														1.80
Crescent	Enoree			.01					.21	.02	.16							.02	1.38														1.54
Due West***	Savannah			.11		T.		T.	.34	.01	T.	T.		T.	T.		.07	T.	.97													.04		1.10
Edgefield ‖‖	Savannah																		1.10															0.98
Gaston Shoals ‖‖	Broad			.07	.08					.11								.08		.60														1.78
Greenville ***	Saluda			.11						.28								.06	.11	.91													.33		1.52
Greenwood ‖‖	do			.16																													
Heath Springs	Wateree	.04							.16						.21		.19	.60																1.20
Hogback Mountain	Broad																		.37	.86														1.57
Kershaw ‖‖	Lynches		.06		.04					.24								.63	.86															1.80
Lan Irum	Broad			.31										T.					1.07															1.49
Laurens	Saluda			.11		T.		.08		.12	.11																							1.29
Little Mountain	Saluda									T.							.50		.79															0.92
Lockhart	Broad				.20						.10							.12		.50														
Newberry	Saluda								T.	.42	.12	.02						.38	.50	.20														1.84
Pelzer ‖‖	do			.20				T.		.10	.01			T.					.74															0.88
Saluda	do			.03						.32	.20						.08	.03	1.11															2.40
Santuck	Broad			.65					.01	.30		.10		.50						.75														1.65
Spartanburg ‖‖	do									T.	T.								.93														0.93
Trenton	Edisto			T.																													2.42
Walhalla	Savannah	.03		.31					.33	.22	.08	.06					.29	.09	1.01														1.22
Winnsboro ‖‖	Broad		T.	T.	.04					.20	.25							.07		.66														1.05
Winthrop College	Catawba																		1.05															1.05

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	52.3	78	18	0.82	4	.....	.....	.....	nw.
1888	52.7	82	22	2.77	8	.....	.....	.....	.....
1889	54.8	84	18	3.84	6	.....	.....	.....	w.
1890	58.4	.....	.....	0.64	.....	.....	.....	.....	.....
1891	51.9	82	15	2.48	.....	.....	.....	.....	ne.
1892	53.9	86	14	1.96	.....	.....	.....	.....	sw
1893	52.9	87	15	2.11	5	14	8	8	ne.
1894	52.3	83	17	2.02	4	18	7	5	nw.
1895	54.4	88	21	2.35	6	12	8	10	ne.
1896	59.1	90	26	4.00	7	12	8	10	ne.
1897	55.3	88	23	1.99	5	16	7	7	sw.
1898	51.0	82	14	4.72	10	14	6	10	ne.
1899	55.0	86	22	2.41	5	16	6	8	ne.
1900	55.6	92	22	3.32	6	13	8	9	sw.
1901	48.2	85	17	1.01	5	21	4	5	n.
1902	59.2	89	22	3.80	6	13	7	10	ne.
1903	50.9	86	10	1.40	5	14	8	8	n.
1904	51.6	80	22	2.78	6	17	6	7	w.
1905	54.5	90	21	1.31	3	17	6	7	sw.
1906	53.8	89	20	0.96	3	18	8	4	ne.
1907	52.2	87	24	4.13	10	12	7	11	ne.
1908	56.6	88	24	1.60	3	16	10	4	sw.
1909	58.3	88	20	0.97	3	18	9	3	sw.
1910	51.1	85	24	1.04	4	20	6	4	w.
1911	51.2	83	19	3.30	8	13	7	10	ne.
1912	52.1	84	17	2.71	4	22	4	4	w.
1913	53.5	89	18	1.79	2	21	5	4	w.
1914	52.4	86	17	3.33	6	19	4	7	w.
1915	56.3	88	24	2.36	4	22	4	4	w.
1916	54.5	88	17	1.21	4	18	5	7	ne.
1917	50.4	83	16	0.82	4	21	4	5	ne.
1918	53.0	86	26	3.13	7	18	3	9	ne.
1919	56.6	92	20	0.86	3	18	6	6	ne.
1920	52.3	87	18	3.62	6	18	4	8	ne.
1921	56.9	86	24	3.11	7	13	6	11	w.
1922	54.8	88	17	0.61	3	20	5	5	ne.
1923	51.1	82	21	2.79	6	16	5	9	ne.
1924	54.4	87	21	1.35	2	23	4	3	w.
1925	50.4	82	15	3.81	7	14	5	11	ne
1926	50.0	85	17	3.05	7	17	5	8	ne.
1927	57.2	84	22	1.45	5	15	6	9	.....
Period	53.6	92	10	2.29	5	17	6	7	ne.

Daily Temperatures for November, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	73	78	71	68	75	70	63	76	75	70	77	77	74	69	76	78	73	66	70	65	65	74	77	76	82	70	74	71	76	77	....	72.9
	Minimum	65	65	61	45	50	49	39	49	62	60	52	54	56	55	59	59	65	41	38	35	34	39	44	48	50	56	50	50	51	56	....	51.2
Blackville	Maximum	79	80	68	68	70	55	59	80	80	70	81	84	68	70	78	83	73	51	50	53	55	61	73	77	80	79	78	75	81	80	....	71.3
	Minimum	55	57	55	35	45	45	33	34	55	59	55	57	55	47	53	57	63	37	34	32	27	32	43	46	53	48	41	45	51	60	....	47.0
Charleston	Maximum	74	75	72	65	70	61	55	75	75	68	72	78	64	69	73	74	74	60	54	53	59	67	74	76	79	68	71	69	78	78	....	69.3
	Minimum	64	63	51	44	52	49	43	53	63	59	55	58	58	55	62	63	52	44	39	39	42	48	53	55	58	57	56	57	60	63	....	53.8
Cheraw§§	Maximum	73	77	63	62	58	52	52	69	69	62	75	80	57	64	77	79	74	56	51	50	60	68	75	77	72	65	75	77	72	80	....	67.4
	Minimum	55	53	48	35	38	36	25	44	48	45	43	48	47	45	50	55	66	40	29	28	24	28	40	42	50	38	36	46	50	52	....	42.8
Conway	Maximum	74	73	75	64	62	61	57	74	72	71	79	83	72	72	80	80	77	70	58	54	63	71	76	77	77	69	76	76	78	82	....	71.8
	Minimum	59	60	52	38	40	44	29	47	63	48	45	45	55	51	57	52	63	45	33	32	27	30	39	44	55	42	39	46	51	52	....	46.1
Darlington §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Ferguson §§	Maximum	78	75	70	65	70	68	76	79	76	69	79	80	83	68	67	80	74	60	61	51	58	64	68	80	80	75	72	79	79	82	....	72.2
	Minimum	59	59	59	44	88	84	31	42	56	58	46	49	53	52	51	50	54	40	36	32	25	28	32	32	40	45	48	43	42	48	....	44.0
Florence 1	Maximum	74	75	72	68	58	54	50	72	70	74	75	81	66	70	74	73	73	59	58	50	59	68	74	76	75	70	74	75	77	80	....	69.1
	Minimum	60	58	53	37	40	43	30	42	46	50	48	52	49	50	50	56	66	44	34	31	27	32	44	48	57	45	41	52	55	58	....	46.6
Garnett	Maximum	77	82	69	68	74	67	63	81	79	72	80	83	73	69	77	79	75	62	58	57	65	73	77	78	80	77	77	79	80	81	....	73.7
	Minimum	60	57	52	34	41	47	33	43	60	57	49	59	53	53	56	55	60	39	35	30	26	30	39	40	46	47	47	46	49	57	....	46.7
Georgetown	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Kingstree	Maximum	72	73	67	65	68	61	57	77	76	71	80	82	78	68	78	79	75	66	57	53	63	72	77	76	78	74	76	75	78	80	....	71.7
	Minimum	61	59	50	38	42	45	30	50	62	53	47	49	55	52	56	54	66	42	35	32	26	31	40	45	53	47	40	46	52	58	....	47.2
Marion	Maximum	....	....	....	....	....	....	....	....	73	69	80	82	64	71	83	83	76	65	64	64	63	71	76	79	76	69	77	78	78	81	....	[b]73.7
	Minimum	....	....	....	....	....	....	....	....	54	48	44	50	53	50	53	53	63	44	43	44	39	28	40	42	52	39	34	46	51	54	....	[b]46.5
Orangeburg	Maximum	77	76	71	65	69	64	58	79	77	70	79	83	71	68	77	81	75	65	52	52	61	70	74	77	78	72	77	77	77	80	....	71.7
	Minimum	60	60	49	39	43	46	32	48	62	58	47	51	56	52	54	58	63	40	35	33	27	30	39	43	55	49	42	46	51	51	...	47.3
Society Hill §§	Maximum	69	..	69	64	60	59	53	69	64	64	73	81	58	62	77	79	71	58	53	48	60	68	75	76	75	68	74	75	72	80	....	[b]67.4
	Minimum	54	56	....	36	39	38	26	27	46	47	44	44	49	48	49	53	55	42	31	28	24	25	33	48	50	42	37	37	51	55	....	[b]41.9
Summerville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	78	74	62	56	54	66	74	78	79	80	79	78	77	80	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	63	40	34	32	29	30	40	42	43	53	45	48	48	54	....	.....
Wedgefield	Maximum	75	78	72	68	68	65	60	75	75	70	77	80	72	68	78	74	72	68	58	52	61	68	70	80	78	76	75	75	78	78	....	71.5
	Minimum	58	58	52	37	47	40	32	46	55	53	48	55	53	42	53	62	47	42	33	32	31	37	48	68	52	45	42	52	55	58	....	47.8
Yemassee	Maximum	75	81	73	67	72	64	62	79	78	73	81	83	73	71	77	77	74	66	58	57	65	73	78	77	81	77	77	76	80	80	....	73.5
	Minimum	62	57	52	38	40	47	35	42	61	59	49	51	56	53	57	54	63	39	36	31	27	31	40	43	52	52	47	47	50	54	....	47.5
Western Portion.																																	
Aiken	Maximum	78	79	77	68	68	63	59	76	78	74	78	81	77	65	77	78	74	60	57	56	60	70	74	78	79	76	76	75	78	79	....	72.2
	Minimum	58	58	57	38	39	37	35	44	56	59	53	59	53	49	54	59	57	37	34	32	30	40	47	56	54	48	48	51	56	63	..	48.7
Anderson	Maximum	76	79	69	64	59	61	49	56	76	64	70	76	59	60	66	75	66	59	51	53	59	67	74	76	79	67	73	73	69	70	....	66.5
	Minimum	57	58	46	39	44	36	34	43	49	53	53	53	51	50	53	55	44	34	31	30	30	39	48	48	49	48	49	53	53	53	....	46.1
Caesar's Head	Maximum	65	68	68	52	53	49	48	41	53	67	54	56	69	51	52	58	60	57	51	42	44	59	60	66	69	67	55	64	64	61	....	57.4
	Minimum	53	53	51	38	40	38	28	29	39	50	51	54	46	41	44	52	56	30	26	27	38	40	50	51	53	44	45	51	53	54	....	44.2
Calhoun Falls §§	Maximum	79	80	67	61	62	61	51	67	78	61	75	81	61	63	72	77	68	60	52	51	61	70	76	77	78	75	75	75	78	79	....	69.0
	Minimum	57	57	58	41	41	41	35	37	47	54	56	53	53	51	53	57	60	34	32	32	28	30	36	43	50	48	48	48	53	58	....	46.0
Camden §§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	52	53	52	35	35	36	33	34	47	41	46	50	47	48	48	52	56	32	32	32	25	25	28	40	44	40	42	45	47	49	....	41.5
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	79	80	69	65	58	62	57	52	77	65	67	78	66	63	65	74	67	62	55	54	60	68	75	76	81	75	73	74	68	71	....	67.9
	Minimum	60	52	55	38	38	33	28	42	47	54	53	51	51	51	52	54	54	32	27	25	25	28	37	40	56	43	43	44	53	48	....	43.8
Columbia	Maximum	74	75	67	65	63	59	51	73	71	67	77	82	60	63	75	79	73	58	50	50	59	68	74	76	75	68	75	74	76	77	....	68.5
	Minimum	59	57	47	41	48	42	34	46	53	56	50	58	50	51	54	58	46	39	34	34	30	35	49	52	58	49	41	56	58	62	....	48.3
Due West	Maximum	76	78	66	63	59	57	45	59	74	60	71	77	60	59	69	75	68	56	49	50	58	67	72	73	76	67	72	73	72	76	....	65.9
	Minimum	58	58	44	39	45	34	32	43	49	54	54	51	52	52	55	56	42	34	32	31	29	34	44	46	53	50	48	52	58	56	....	46.2
Greenville	Maximum	74	76	63	60	55	55	46	53	72	60	67	76	56	57	62	71	67	56	49	50	56	61	71	72	76	62	69	70	67	71	....	63.4
	Minimum	58	59	47	40	44	37	34	42	49	52	52	56	50	48	51	56	45	37	32	31	38	41	48	50	56	51	51	52	57	57	....	47.2
Greenwood	Maximum	78	81	81	67	64	61	58	45	65	74	59	74	60	56	65	74	79	69	58	51	53	59	68	73	74	76	72	73	74	75	...	67 2
	Minimum	53	54	58	40	42	38	31	35	45	50	52	53	53	51	52	54	59	35	30	28	28	32	39	49	49	46	45	53	53	59	....	45.5
Heath Springs	Maximum	68	72	65	62	56	56	49	65	70	59	73	76	65	59	73	72	68	58	50	48	54	68	70	73	74	63	72	73	69	76	....	65.2
	Minimum	55	55	55	39	44	43	29	44	47	50	47	55	44	47	51	54	34	34	35	25	26	41	43	48	44	37	39	46	49	49	....	43.6
Hogback Mountain.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Kershaw	Maximum	72	75	65	63	58	58	51	69	72	63	76	80	64	61	77	81	72	58	51	50	59	67	74	71	75	67	74	76	70	79	....	67.6
	Minimum	56	56	45	36	40	39	27	46	49	50	47	55	47	50	54	57	50	38	30	30	27	35	48	48	54	43	44	52	52	57	...	45.4
Landrum	Maximum	75	80	71	61	54	59	47	50	78	69	71	79	63	59	68	77	58	52	49	52	58	66	74	75	73	63	70	71	68	70	....	64.5
	Minimum	59	52	50	36	43	37	30	41	45	52	52	59	50	49	51	48	52	36	30	26	25	34	44	49	56	42	43	48	55	54	....	45.3
Laurens	Maximum	78	83	66	65	58	61	49	61	76	59	74	80	68	60	71	79	69	59	51	53	60	69	75	76	77	69	74	75	71	77	....	68.1
	Minimum	60	58	51	38	44	34	30	44	49	54	52	53	51	52	55	54	50	36	31	29	26	30	48	43	53	47	42	48	55	52	....	45.6
Little Mountain	Maximum	79	75	69	62	60	58	50	60	70	68	78	76	65	69	69	73	70	55	52	49	58	63	72	73	75	67	70	74	75	77	....	66.8
	Minimum	60	62	53	38	36	34	32	44	49	53	49	45	48	47	53	55	46	35	30	28	30	39	48	50	55	44	48	49	49	50	.. ..	45.1
Newberry	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Saluda	Maximum	72	75	76	61	61	58	58	68	69	69	72	77	77	60	66	74	74	55	54	48	54	65	68	69	70	70	68	68	72	74	....	66.7
	Minimum	54	53	51	35	42	32	27	43	50	51	49	52	51	49	53	52	54	35	30	25	28	27	45	42	54	42	39	47	53	55	....	43.8
Santuck	Maximum	75	80	70	66	58	56	52	58	69	62	73	78	70	58	73	78	72	55	49	52	57	67	74	77	77	66	72	73	70	75	....	67.1
	Minimum	53	50	50	36	36	37	23	40	40	48	45	48	51	52	54	51	55	46	27	24	22	27	37	54	51	38	36	43	49	48	....	42.4
Spartanburg	Maximum	78	80	70	65	62	55	50	55	72	58	70	78	58	58	65	75	68	56	50	51	58	65	72	75	78	64	71	72	68	72	....	65.6
	Minimum	55	62	58	34	34	37	25	34	36	48	59	54	50	50	50	52	64	34	28	26	24	29	40	45	49	42	39	45	46	45	....	42.9
Trenton	Maximum	84	83	80	64	67	60	56	74	79	70	77	82	74	64	76	79	71	59	55	55	61	70	76	74	76	73	73	75	75	77	....	71.3
	Minimum	57	56	56	39	47	41	35	44	52	57	53	57	49	48	54	59	51	36	33	32	33	41	51	52	55	52	50	56	56	62	....	48.8
Walhalla	Maximum	76	79	70	64	55	61	48	50	75	60	66	75	65	60	60	70	65	59	50	52	58	67	74	75	79	64	71	72	68	67	....	65.2
	Minimum	57	61	47	33	38	30	26	39	44	52	51	53	50	49	50	55	48	32	25	24	25	28	40	41	52	43	44	44	52	51	....	42.8
Wimsboro §§	Maximum	73	73	64	65	57	58	....	....	....	....	....	....	....	61	75	78	70	58	50	51	58	67	72	75	76	67	73	75	72	78	....	[c]71.6
	Minimum	54	56	55	38	39	36	30	....	....	....	....	....	....	51	55	63	36	32	29	30	35	42	51	54	45	44	45	56	59	....	[c]45.0
Winthrop College	Maximum	77	80	68	61	62	56	48	60	74	65	70	80	73	58	72	78	70	60	51	54	60	70	76	75	77	69	73	74	69	75	....	70.2
	Minimum	54	54	50	37	42	34	27	42	47	50	55	48	49	44	51	44	58	36	29	28	33	37	38	47	50	42	44	50	54	50	...	45.7

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, [b] represents two days missing, etc.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 12-20-27—900

51.05
NSC

FEB 2 1928
UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., DECEMBER, 1927. No. 12.

GENERAL SUMMARY.

While the temperature was somewhat below normal, the month was marked by a decided heat wave from the 11th to the 15th and a prolonged cold period from the 17th to the 27th, especially at night. Precipitation was close to the maximum average and very unevenly distributed.

Abundant rainfall in the up-country during the first half of the month effectively broke previous drought conditions, but moisture was deficient along the coast. Plowing and winter cereal planting proceeded satisfactorily, with good stands of wheat, oats, and rye toward the warm period during the middle of the month. Winter truck made about normal advance, but the coastal regions needed more rain; spinach and fall cabbage shipments began on the coast about the 13th. The prolonged cold spell during the last half of the month, especially at night, checked general growth, but no material damage resulted, and many hogs were butchered during this period.

PRESSURE.

The mean sea-level pressure, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was 30.14 inches. The highest pressure was 30.73 inches at Due West on the 10th; the lowest pressure was 29.40 inches at Asheville and Charlotte, N. C., on the 16th, and in the Section proper, 29.48 inches at Due West on the same date.

TEMPERATURE.

The monthly mean for the Section, determined from reports of 37 stations, was 46.2°, or 0.4° below the normal. The highest temperature was 83° at Kingstree and Summerville on the 13th. The warm periods were generally on the 1st, 6th and 7th, from the 11th to the 15th, and from the 29th to the 31st, inclusive, when the daily mean temperatures ranged from 5° to 24° above normal. The lowest temperature was 12° at Clemson College on the 26th. The cold periods were from the 2d to 5th, on the 9th and 10th, and from the 17th to the 27th, when the daily means ranged from 5° to 19° below normal.

HUMIDITY.

The mean relative humidity, determined from reports of 9 regular Weather Bureau stations in and surrounding the Section, was as follows: 8 a.m., 81%; noon, 64%; 8 p. m., 70%. The highest percentages occurred in the lower Savannah drainage area and along the coast, and the lowest, in the interior.

PRECIPITATION.

The average for the Section, 49 stations reporting, was 6.93 inches, or 3.37 inches above the normal. Precipitation was quite general in three periods during the first half of the month, and again at the close. The amounts were very badly distributed, ranging downward from over 11 inches in Oconee County to less than one and one half inches in Charleston County. The greatest local monthly amount was 11.38 inches at Walhalla; least local monthly amount, 1.19 inches at Charleston. The greatest amount during any 24 hours was 3.53 inches at Walhalla on the 14-15th. The average number of rainy days was 12% above normal.

Snow flurries occurred at Laurens on the 2d and 4th and at Winthrop College on the 4th. Sleet occurred at Camden on the 4th and at Charleston on the 19th.

WIND.

The prevailing wind was from the northeast. The average hourly velocity, determined from 9 anemometer records, was 8.9 miles. The highest average velocity was 12.6 miles per hour at Savannah, Ga., and in the Section proper, 10.6 miles per hour at Charleston; the lowest average velocity was 5.9 miles per hour at Augusta, Ga., and in the Section proper, 7.3 miles per hour at Columbia. The highest velocity for any 5-minute period was 54 miles per hour from the northeast at Due West on the 3d.

SUNSHINE AND CLOUDINESS.

The average monthly sunshine, determined from 9 automatic records, was 149.9 hours, or 49% of the possible amount. The average number of clear days was 15; partly cloudy, 4, and cloudy, 12, as against normals of 14, 6, and 11 days, respectively.

RIVER CONDITIONS.

Freshet conditions prevailed in the Saluda, Broad, Congaree, middle Savannah, and upper Pee Dee Rivers about the 3d-6th and 16th-18th. The Santee River was in flood at Rimini and Ferguson from about the 5th to the 28th, inclusive, and the Pee Dee River was in flood at Cheraw on the 5th, 6th, and 17th, and at Mars Bluff from the 7th to the 12th and from the 19th to the 22d, inclusive. The flood losses in the Santee and adjacent swamps approximated $1,000, and the value of movable property saved by warnings has been estimated at about $10,000.

MISCELLANEOUS PHENOMENA (dates).

Halos—Lunar: Columbia and Due West, 31. *Solar:* Due West, 8, 19, 25, 30; Greenville, 24.

Fog, dense.—Beaufort (near), 12; Charleston, 15, 23; Cheraw, 6; Columbia, 6, 29, 30; Due West, 13, 16, 29, 30; Greenville, 5, 16, 31; Santuck, 30; Trenton, 31.

ERRATA.

November, 1927.—Beaufort (near), number of clear days, page 42, should be 15. Calhoun Falls, mean minimum temperature, page 44, should be 46.4, and monthly mean temperature, page 42, should be 57.7. Winthrop College, mean minimum temperature, page 42, should be 44.1, and monthly mean temperature, page 42, should be 56.0.

MISCELLANEOUS DATA FOR DECEMBER, 1927.

Stations.	Barometer, sea level.	Temperature, degrees Fahr.			Precipitation, inches.		Wind.		Mean relative humidity.			Percentage of possible sunshine.
		Mean.	Highest.	Lowest.	Total.	Greatest 24 hours.	Average hourly velocity, miles.	Prevailing direction.	8 a. m.	Noon.	8 p. m.	
Asheville, N. C.	30.16	38.9	71	9	6.41	2.29	10.8	se.	83	60	67	56
Augusta, Ga.	30.15	48.1	78	22	7.26	2.94	5.9	nw.	80	70	78	49
Charleston, S. C.	30.13	50.8	78	26	1.19	0.49	10.6	n.	82	65	74	44
Charlotte, N. C.	30.14	43.4	72	20	9.52	2.48	6.0	ne.	79	64	67	51
Columbia, S. C.	30.15	46.8	78	21	7.89	3.31	7.3	n.	75	56	61	46
Due West, S. C.	30.16	44.1	73	17	8.61	2.21	9.9	ne.	83	59	....	43
Greenville, S. C.	30.13	44.1	70	18	9.86	3.31	9.4	ne.	80	70	69	49
Savannah, Ga.	30.14	52.5	79	24	2.98	2.67	12.6	w.	83	68	70	45
Wilmington, N. C.	30.14	49.5	80	25	3.27	2.51	7.8	n.	80	62	70	54
Means and extremes	30.14	46.5	80	9	6.28	3.31	8.9	ne.	81	64	70	49

Climatological Data for December, 1927.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	With precipitation (0.01 in. or more)	Clear.	Partly cloudy.	Cloudy.		
Eastern Portion.																			
Beaufort (near)‡‡	Beaufort	21	46	[a]52.1	+0.9	[a]75	†11	[a]26	19	[a]39	3.73	+0.84	1.60	0	6	14	5	12	e.	Mrs. R. L. Fripp.
Blackville	Barnwell	296	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. D. B. Sanders.
Charleston	Charleston	48	56	50.8	−0.9	78	13	26	20	32	1.19	−1.90	0.49	0	6	11	5	15	n.	U. S. Weather Bureau.
Cheraw	Chesterfield	144	45	45.2	+0.8	80	13	15	10	51	6.32	+3.14	1.95	0	10	....	....	....	.....	Roland D. Powe.
Conway	Horry	25	37	50.0	+0.7	81	13	21	†27	50	3.71	+0.47	1.90	0	10	14	0	17	ne.	Paul Quattlebaum.
Darlington	Darlington	175	32	[a]45.8	0.0	[a]82	11	[a]17	10	[a]46	3.81	+1.00	1.55	0	7	17	0	14	.....	D. C. McCall.
Effingham	Florence	106	36	.....	.....	.....	.....	.....	.....	.....	3.61	+0.47	1.16	0	10	....	....	....	.....	Wm. B. Gillespie.
Ferguson‡‡	Orangeburg	63	41	48.0	−0.3	79	14	21	27	50	3.95	+0.89	2.51	0	7	....	....	....	.....	Henry C. Savage.
Florence 1	Florence	136	45	48.0	+2.4	80	13	23	†20	49	3.43	+0.51	1.25	0	9	17	3	11	ne.	H. K. Gilbert.
Florence 2	....do	136	12	.....	.....	.....	.....	.....	.....	.....	2.51	−0.41	0.65	0	9	16	6	9	s.	Pee Dee Experiment Sta.
Garnett	Hampton	82	9	50.0	.....	80	†12	20	20	42	5.99	.....	1.60	0	9	13	8	10	....	Muner B. Robert.
Georgetown	Georgetown	18	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	....	.....	A. P. Hazard.
Kingstree	Williamsburg	54	45	50.0	+1.9	83	13	20	27	51	3.15	+0.11	1.00	0	6	19	1	11	w.	Mrs. Ellen Scott.
Marion	Marion	68	4	46.8	.....	82	13	16	20	58	4.04	.....	1.43	0	4	20	5	6	n.	Alden F. Schul.
Mars Bluff	Florence	92	4	.....	.....	.....	.....	.....	.....	.....	3.95	.....	1.60	0	10	....	....	....	.....	Rosa R. Davis.
Orangeburg	Orangeburg	264	11	48.0	−1.4	80	13	19	20	.50	5.11	+2.17	1.42	0	8	15	9	7	ne.	U.S. Fisheries Station.
Pinopolis	Berkeley	54	80	47.8	−0.2	76	†14	24	20	....	3.75	+0.76	1.25	0	5	19	0	12	nw.	Miss E. P. Ravenel.
Rimini	Sumter	97	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Boykin R. Cantey.
Society Hill	Darlington	192	36	[a]44.9	−0.3	[a]81	13	[a]18	10	[a]46	5.47	+2.23	1.80	0	9	22	3	6	n.	E. D. Fields, Jr.
Summerville	Dorchester	75	29	[b]48.7	−0.9	[b]83	13	[a]21	20	[b]45	2.81	+0.75	1.10	0	7	16	2	13	n.	Clemson Coast Exp. Sta.
Wedgefield	Sumter	249	37	48.5	+0.7	78	†13	22	20	41	6.74	+3.48	2.00	0	8	17	5	9	w.	W Hampton Ramsey
Yemassee	Hampton	24	38	50.8	+3.6	81	13	21	20	45	4.73	+1.28	2.12	0	6	17	2	12	ne.	W. C. Hutson.
Division means and	extremes	.....	....	48.4	−0.8	83	13	15	10	58	4.11	+1.08	2.51	0	9	17	4	10	ne.	
Western Portion.																			
Aiken	Aiken	527	65	48.4	+0.8	79	13	18	20	45	7.01	+3.40	2.17	0	8	18	1	12	n.	Frank B. McCoy.
Anderson	Anderson	764	34	44.6	+0.2	71	†13	16	9	36	9.44	+4.66	3.00	0	11	14	0	17	w.	H. H. Russell
Blairs	Fairfield	293	22	.....	.....	.....	.....	.....	.....	.....	7.96	+4.30	2.70	0	10	....	....	....	.....	Esther B. Owens.
Cæsars Head‡‡	Greenville	3118	3	40.0	.....	68	15	13	9	31	10.03	.....	2.00	0	10	11	5	15	.....	Cæsar's Head—P. Mtn. Co
Calhoun Falls	Abbeville	508	28	44.4	.....	76	13	17	† 9	40	9.83	+5.32	2.00	0	11	13	3	15	w.	L. M. Parker.
Camden	Kershaw	222	77	.....	.....	.....	.....	18	†10	....	7.63	+4.20	2.65	0	9	....	....	....	.....	Henry A. Brown.
Catawba	York	562	21	.....	.....	.....	.....	.....	.....	.....	8.97	+5.14	3.10	0	9	....	....	....	.....	James C. Faris.
Chappells	Newberry	402	22	.....	.....	.....	.....	.....	.....	.....	8.85	+4.53	2.20	0	10	....	....	....	.....	George V. Clamp.
Chester	Chester	487	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Cornwell.
Clemson College	Oconee	850	35	44.0	+0.5	72	14	12	26	46	9.52	+4.26	2.40	0	10	14	3	14	ne.	Prof. F. H. H. Calhoun.
Columbia	Richland	351	41	46.8	−0.4	78	13	21	20	31	7.39	+4.49	3.31	0	11	12	5	14	n.	U. S. Weather Bureau.
Crescent	Spartanburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.95	.....	2.18	0	12	..	....	....	.....	Broad River Power Co.
Due West	Abbeville	711	13	44.1	−1.5	73	13	17	20	36	8.61	+3.96	2.21	0	12	12	6	13	ne.	U. S. W. B. Aerological Sta.
Edgefield	Edgefield	.....	13	.....	.....	.....	.....	.....	.....	.....	7.08	+4.08	1.98	0	7	....	....	....	.....	Agent C. and W. C. Ry.
Gaston Shoals ††	Cherokee	686	24	.....	.....	.....	.....	.....	.....	.....	9.06	+4.84	1.80	0	14	....	....	....	.....	S. C. Lt., Power & Ry. Co.
Greenville	Greenville	1039	43	44.1	+1.9	70	14	18	20	33	9.86	+5.08	3.31	0	12	11	6	14	ne.	U. S. Weather Bureau.
Greenwood	Greenwood	671	43	44.0	+0.4	77	1	18	†10	40	8.61	+4.26	1.87	0	11	14	0	17	w.	M. M. Calhoun.
Heath Springs	Lancaster	568	25	.....	.....	76	14	.....	.....	.....	6.90	+3.30	3.03	0	6	16	4	11	n.	J. Marvin Bowers
Hogback Mountain	Greenville	3025	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Blue Ridge Forests Co.
Kershaw	Kershaw	500	11	46.2	+0.2	79	14	16	10	50	7.59	+4.57	2.26	0	6	13	3	15	w.	John W. Hamel.
Landrum	Spartanburg	1063	12	43.6	0.6	79	29	15	10	57	8.16	+3.29	2.14	0	9	19	1	11	nw.	R. Hartwell Wilds, D.D.S.
Laurens	Laurens	589	9	44.6	.....	77	14	17	10	41	9.63	.....	2.42	T.	11	14	9	8	n.	L. G. Rolf.
Little Mountain	Newberry	711	34	45.6	−0.5	76	13	19	† 9	42	8.61	+5.31	2.36	0	8	15	6	10	w.	Miss Alberta Sease.
Lockhart	Union	336	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Broad River Power Co.
Newberry	Newberry	502	23	45.2	−0.3	77	13	19	†10	42	8.59	+4.32	2.84	0	10	14	3	14	ne	John H. Baxter.
Pelzer	Anderson	850	23	.....	.....	.....	.....	.....	.....	.....	8.90	+3.56	1.90	0	14	....	....	....	.....	Joshua Y. Jones.
Saluda	Saluda	536	25	41.0	−1.8	78	13	18	10	40	8.81	+4.91	2.30	0	10	13	6	12	n.	W. S. Crout.
Santuck	Union	512	34	43.6	0.0	76	†13	14	10	44	9.66	+5.57	2.43	0	10	14	5	12	sw.	E. W. Jeter.
Spartanburg	Spartanburg	875	50	42.0	−0.4	73	15	15	10	43	8.00	+3.89	2.00	0	8	18	0	13	.....	M. H. Daniel.
Trenton	Edgefield	620	34	47.6	+0.2	74	† 1	19	20	38	7.80	+4.01	2.80	0	9	10	8	13	e.	Mrs. S. E. Long.
Walhalla	Oconee	1061	27	42.5	−1.4	71	14	13	20	42	11.38	+6.07	3.53	0	11	13	9	9	ne.	H. W. Brandt.
Winnsboro	Fairfield	545	33	[b]45.2	+0.1	[b]77	13	[b]19	20	[b]34	8.99	+5.59	2.00	0	8	16	3	12	ne.	Rev. Oliver Johnson.
Winthrop College ††	York	690	27	45.0	+1.2	76	†13	17	20	39	9.43	+5.21	2.10	T.	8	13	10	8	n.	W. T. Clawson.
Division means and	extremes	.....	....	44.5	−0.3	79	13	12	26	57	8.71	+4.43	3.53	T.	10	14	4	13	ne.	
Section means and	extremes	.....	....	46.2	−0.4	83	13	12	26	58	6.93	+3.37	3.53	T.	9	15	4	12	ne.	

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing; for example, [b] represents two days missing, etc.
† Also on other dates. †† Received too late to be included in means and summaries. ** Temperature data are from observed readings of the dry bulb; means are computed from observed readings. ‡‡Post-office addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill; of Ferguson, Eutawville; of Cæsar's Head, Greenville; of Beaufort (near), Burton. T Precipitation is less than 0.01 inch of rain or melted snow.

Daily Precipitation for December, 1927.

Stations.	Drainage-basins.	Day of month. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Eastern Portion.																																	
Beaufort(near).	Coast	.03		.70	1.60	.15										.80			T.											T.		.45	3.73
Blackville ‖	Edisto																.49			T.													
Charleston ***	Coast	.02		.43	T.			T.	.03		T.					.81	1.43	.08											T.		.39	6.32
Cheraw ‖	Pee Dee	.16	.76	.42	1.95	.21			.11							.11		.40													.14	.12	3.71
Conway ‖	Waccamaw	.03	.48	.12	1.90	.09			.32																				T.	.30		3.81
Darlington ‖	Pee Dee		.49	.40	1.55	.08										.12	.87													T.	.07	3.61
Effingham ‖	Lynches	.27	.57	.17	1.16	.09			.07							.74	.41	.06													.03		3.95
Ferguson ‖	Santee	.76	.26	.23	2.51				.05									.11														.10	3.43
Florence 1 ‖	Pee Dee	.28	.52	.31	1.25	.28			.06							.08	.55														.03	.06	2.51
Florence 2 ‖	do	.28	.47	.22								.12	.63			.05	.65													T.	.38	.32	5.99
Garnett	Savannah	.60	.62	1.60	1.07			T.	.40								.98			.02													
Georgetown	Coast																													T.			3.15
Kingstree ‖	Black	.70	.40	.15	1.00				.35								.55													T.	.06	.35	4.04
Marion	Pee Dee	.65	.61	.83	1.43							.08					.03															.07	3.95
Mars Bluff	do	.25	.85	.50	1.60	.12			.01							.08	.30	.08												.03	.10	.58	5.11
Orangeburg	Edisto	.49	.44	1.27	1.42												.78																
Pinopolis	Cooper	1.25		1.20													.10														1.00	.20	3.75
Rhiani ‖	Santee																															.30	5.47
Society Hill ‖	Pee Dee	.20	.72	.50	1.80	.15			.20							.30	1.30														.15	.25	2.81
Summerville	Ashley		.36	.10	1.10				.25								.60													T		.85	6.74
Wedgefield	Wateree	.40	.06	1.68	2.00				.40							.35	1.00														T.	.50	4.73
Yemassee ‖	Ashepoo		.75	.11	2.12				.31									.94															
Western Portion.																																	
Aiken	Edisto	.55	1.23	2.17	.39										.09	1.80	1.71	.56												.09	.11	.79	7.04
Anderson	Savannah	.40	3.00	1.24	.35			.38	.11							.75	1.72													.39		1.12	9.44
Blairs ‖	Broad	.02	1.35	1.00	2.70	.02			.03							.80	.91														.07	.30	7.96
Cæsar's Head	Saluda	1.12	1.65	.83	.62				2.00			.50				.90	2.60													.90		.70	10.03
Calhoun Falls ‖	Savannah	.46	1.75	2.00	1.01				.40					.09		.65	2.00													.18	.04	1.25	9.83
Camden ‖	Wateree	.26	.91	.60	2.65				.10							.60	2.00														.06	.45	7.63
Catawba ‖	Catawba	.33	1.52	1.01	3.10	.10							.10	T.		.30	2.01															.50	8.97
Chappells ‖	Saluda	.20	1.17	1.60	1.64				.10							1.34	2.20													.06	.02	.22	8.55
Chester	Broad																													.50		.95	9.52
Clemson College	Savannah	.16	2.40	1.30	.58			.95					.17			2.00	.51													.02	.33	.06	7.39
Columbia ***	Congaree	.96	.77	3.27	.14			.02							.30	.77	.75																
Crescent	Enoree	2.18	1.75	.82				.51				.21			.60	1.60		.06											.29	.06	.89	.08	9.05
Due West ***	Savannah	.78	1.93	1.49	.24			.36				T.	.04		.13	1.66	.46													.27	.42	.83	8.61
Edgefield ‖	Savannah	.48	1.13	1.28		1.70											1.98														.01	.50	7.08
Gaston Shoals ‖	Broad	.50	1.62	1.80	1.26	.10			.48				.25	.01		.87	1.21	.08													.20	.11	.57	9.06
Greenville ***	Saluda	.33	3.06	1.30	.26			.89				.02	.31		T.	2.10	.35													.57	.18	.49	9.86
Greenwood ‖	do	.21	1.34	1.82	1.37				.26					.02		.80	1.87													.12	.08	.72	8.61
Heath Springs	Wateree	.30	.94	3.03	.26											*	2.13														.10	.40	6.90
Hogback Mountain	Broad																																
Kershaw ‖	Lynches		1.30	.97	2.26											.76	1.82															.48	7.59
Landrum	Broad	.68	.76	1.12	.34				.94							2.14	.51													.71		.96	8.16
Laurens	Saluda	.55	2.38	1.85	.22			.20	.15					.03		2.42	.51													.25		1.07	9.63
Little Mountain	Saluda	.15	1.37	2.36	1.12											1.20	1.65													.06		.70	8.61
Lockhart	Broad																																
Newberry	Saluda	.15	1.28	2.81	.40			.06					.04	.02		.64	1.34	.10													.07	.03	.68	8.59
Pelzer ‖	do	.20	1.90	1.62	.86	.02			.48							2.56	.52													.42	.02	1.08	8.90
Saluda	do	.46	1.31	2.30	.63				.05							1.80	1.50													.08	.04	.64	8.81
Santuck	Broad	.48	1.51	2.43	1.12			T.	.11			T.	.06			1.41	1.30													.12		1.12	9.66
Spartanburg ‖	do	.40	1.60	2.00	1.10				.60						T	.95															.30	1.05	8.00
Trenton	Edisto	.50	1.15	2.80	.48			T.								.34	1.70													.70	.15	.55	7.80
Walhalla	Savannah	.38	1.94	1.05	.61			.60	.66				.35			3.53	.46															1.10	11.38
Wimsboro ‖	Broad	.12	1.20	*	*	4.30			.06							.87	2.00														.05	.89	8.99
Winthrop College	Catawba	.50	1.70	2.10	1.57								.14			1.75	.42															1.25	9.43

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. ‖ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.

COMPARATIVE DATA FOR EMBER.

Year.	Temperature. Mean.	Highest.	Lowest.	Precipitation. Average.	Average days with 0.01 inch or more.	Average number of days. Clear.	Partly cloudy.	Cloudy.	Prevailing wind direction.
1887	44.9	76	18	4.65	10				ne.-e.
1888	42.7	71	13	3.56	7				
1889	55.4	79	17	0.53	1				sw
1890	45.9			2.25					
1891	49.9			1.91					
1892	47.1	76	6	2.45					
1893	47.2	79	17	3.05	6	17	7	7	sw.
1894	48.1	85	−1	2.56	7	15	8	8	nw.
1895	46.1	80	15	3.04	6	16	7	8	nw.
1896	44.0	83	8	3.55	7	17	6	8	ne.
1897	47.6	82	21	2.40	8	11	8	12	ne.
1898	45.9	77	9	2.84	8	12	7	12	nw.
1899	44.6	79	11	2.33	7	15	8	8	nw.
1900	45.5	79	18	5.64	8	14	7	10	n.
1901	44.0	80	2	5.01	11	13	5	13	n.
1902	46.8	85	10	4.26	7	14	6	11	nw.
1903	41.0	72	10	1.95	6	20	5	6	w.
1904	45.5	78	16	2.79	9	14	5	12	w.
1905	45.2	77	16	7.25	10	12	4	15	re.
1906	48.0	89	11	3.25	7	14	8	9	sw.
1907	46.2	75	12	5.81	10	14	7	10	w.
1908	50.6	83	23	2.84	7	13	9	9	w.
1909	42.8	84	7	2.81	7	17	7	7	nw.
1910	42.0	76	12	2.36	5	18	7	6	w.
1911	49.8	85	18	4.94	9	11	7	13	ne.
1912	48.8	79	18	2.88	8	12	5	14	sw.
1913	47.8	77	16	4.25	9	10	7	14	w.
1914	43.9	80	11	4.80	13	6	6	19	ne.
1915	44.2	79	17	3.27	7	18	5	8	w.
1916	46.7	79	11	2.43	9	16	6	9	w.
1917	37.7	82	−6	1.47	6	15	6	10	ne.
1918	50.8	82	17	5.35	9	12	6	13	w.
1919	46.5	87	15	3.45	6	16	6	9	ne.
1920	46.1	75	18	4.01	8	15	5	11	w.
1921	50.3	80	20	1.54	5	16	7	8	w.
1922	51.0	86	22	4.90	13	10	5	16	ne.
1923	52.5	79	23	4.12	9	11	8	12	sw.
1924	47.6	86	12	5.54	8	13	5	13	ne.
1925	44.4	77	1	3.26	8	15	4	12	w.
1926	48.7	82	13	3.59	8	14	5	12	w.
1927	46.2	83	12	6.93	9	15	4	12	ne.
Period	46.6	89	−6	3.56	8	14	6	11	w.

Daily Temperatures for December, 1927.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Eastern Portion.																																	
Beaufort (near)	Maximum	67	65	62	46	62	71	66	56	58	67	75	75	72	75	70	58	59	52	50	55	58	58	....	59	51	59	59	63	66	63	64	*62.0
	Minimum	55	51	45	37	38	41	43	28	28	45	51	56	59	60	54	32	35	35	26	32	30	31	....	39	28	30	37	53	56	55	57	*42.2
Blackville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Charleston	Maximum	69	62	49	44	59	66	70	68	41	58	66	76	78	76	66	66	49	58	45	48	52	54	56	55	46	50	50	62	67	64	66	59.2
	Minimum	52	50	44	37	39	46	56	36	32	31	48	54	60	61	60	41	33	35	31	26	32	37	37	39	38	33	34	38	54	54	45	42.4
Cheraw §§§	Maximum	62	45	46	40	62	66	73	64	37	50	66	76	80	78	54	60	47	53	38	48	50	51	54	48	43	50	50	54	67	68	63	56.2
	Minimum	55	38	38	32	31	30	40	58	20	15	29	55	52	61	48	42	23	24	31	20	24	23	24	22	24	18	18	18	48	48	47	34.1
Conway	Maximum	74	52	52	44	61	67	72	69	55	58	73	77	81	78	75	69	62	56	53	48	51	53	58	54	44	51	52	61	68	66	76	61.6
	Minimum	49	44	42	36	35	32	44	53	26	23	38	55	60	61	56	54	29	28	37	25	29	27	25	25	30	22	21	21	46	60	59	38.5
Darlington §§§	Maximum	56	45	45	41	63	68	74	59	39	52	71	77	82	81	58	50	52	55	40	48	52	52	57	53	46	57	53	59	69	....	65	*57.3
	Minimum	54	40	40	35	34	32	40	47	24	17	25	48	58	60	55	46	25	24	30	23	28	25	24	24	27	20	20	20	30	52	....	*34.2
Ferguson §§§	Maximum	59	48	46	48	62	75	68	52	48	57	69	75	79	76	78	66	59	49	48	48	53	53	57	56	54	50	52	73	70	67	67	60.1
	Minimum	59	45	44	34	36	35	39	37	28	27	29	38	41	55	63	50	30	29	27	24	26	28	26	26	29	30	21	23	31	47	59	36.0
Florence I	Maximum	61	61	44	35	60	65	71	65	63	50	69	72	80	72	68	65	45	52	40	47	51	49	49	52	44	47	49	53	66	63	61	57.1
	Minimum	51	41	43	34	37	40	48	63	25	20	37	55	59	62	56	47	29	26	36	23	23	28	28	27	30	24	26	26	49	56	58	38.9
Garnett	Maximum	79	55	55	46	63	65	75	71	45	59	70	80	80	78	79	71	51	56	49	47	52	59	60	59	50	51	51	62	70	70	69	62.2
	Minimum	53	46	43	37	35	34	45	41	25	23	43	49	50	59	59	49	20	25	35	20	25	25	25	35	35	28	22	28	50	52	57	37.8
Georgetown	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Kingstree	Maximum	75	51	47	45	62	66	73	68	59	55	72	78	83	79	76	62	54	60	52	47	51	52	56	54	49	49	50	58	74	68	67	61.0
	Minimum	50	44	44	35	36	35	46	49	27	23	37	52	58	62	60	50	30	30	36	24	29	28	26	26	33	25	20	23	52	59	59	39.0
Marion	Maximum	71	46	45	40	63	68	74	67	47	55	75	78	82	79	73	67	49	55	51	47	50	51	55	51	45	49	50	59	70	66	65	59.5
	Minimum	42	40	36	33	32	43	42	42	22	17	31	52	49	68	45	35	21	45	26	16	30	36	20	13	27	18	17	18	48	46	49	34.5
Orangeburg	Maximum	77	51	45	43	62	66	75	68	44	52	67	76	80	77	76	72	50	55	51	48	53	52	57	54	49	50	51	55	71	63	63	59.8
	Minimum	49	43	42	36	33	36	43	43	28	20	36	37	50	59	58	46	35	25	33	19	24	26	24	25	30	22	22	21	46	55	55	36.2
Society Hill §§§	Maximum	60	45	45	41	64	66	74	63	39	50	65	76	81	65	54	61	48	55	40	48	51	51	56	51	45	51	51	65	....	69	56	*56.5
	Minimum	58	40	40	34	33	32	32	46	23	18	19	36	55	59	51	45	26	26	34	20	25	26	24	24	26	23	27	19	23	....	....	*33.3
Summerville	Maximum	66	54	50	41	64	68	74	62	42	58	72	79	83	78	75	61	66	60	40	49	53	55	58	60	50	25	57	67	74	....	....	*60.1
	Minimum	57	46	44	37	32	35	39	54	26	26	27	47	55	57	60	57	26	27	34	21	24	25	24	26	29	25	29	22	41	67	....	*37.3
Wedgefield	Maximum	72	58	50	42	62	65	75	68	50	52	65	75	78	78	75	60	50	54	42	47	54	52	54	54	45	50	50	52	68	67	66	59.0
	Minimum	52	42	42	34	34	39	46	42	24	24	35	52	59	63	52	44	28	34	32	22	27	28	28	30	24	25	28	42	59	58	58	38.0
Yemassee	Maximum	73	54	52	45	64	67	75	67	44	60	70	78	81	78	76	69	52	58	49	50	55	58	60	60	52	53	56	61	71	68	68	62.1
	Minimum	53	47	44	36	35	36	47	60	25	25	41	49	55	59	62	51	28	26	37	21	26	26	26	33	37	24	24	28	52	54	57	39.5
Western Portion.																																	
Aiken	Maximum	76	48	45	43	62	67	71	68	43	51	67	75	79	74	72	70	49	54	50	49	55	57	59	56	51	53	52	56	65	63	65	59.5
	Minimum	48	39	39	34	37	42	47	40	21	24	39	50	57	62	58	46	25	33	29	18	26	33	33	32	38	28	31	32	48	58	48	38.4
Anderson	Maximum	67	44	44	48	60	64	69	61	39	43	57	67	71	71	63	51	45	51	41	51	55	55	57	51	45	53	52	42	55	65	62	54.8
	Minimum	43	36	39	38	42	37	42	30	16	21	34	48	56	61	45	31	24	29	29	17	24	29	30	30	32	25	24	27	39	46	40	34.2
Caesar's Head	Maximum	50	49	36	42	55	56	53	43	32	45	53	67	64	68	48	34	37	43	26	40	47	48	51	42	40	47	45	48	52	53	52	47.3
	Minimum	41	36	34	29	36	40	41	30	13	14	28	45	53	57	45	40	17	18	18	20	24	28	29	31	30	31	34	36	36	37	47	32.8
Calhoun Falls §§§	Maximum	56	48	46	47	63	66	68	45	40	46	61	68	76	74	64	51	51	50	33	51	58	57	52	58	49	54	53	48	58	60	64	55.2
	Minimum	55	38	38	34	34	36	38	40	17	18	21	43	51	58	58	45	25	26	28	17	18	25	25	27	30	22	24	29	33	44	48	33.7
Camden §§§	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	57	38	38	31	32	31	34	47	23	18	21	39	47	58	52	46	25	24	25	19	48	24	23	23	24	21	19	19	22	51	51	33.1
Chester	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clemson College	Maximum	68	53	45	49	61	64	59	69	41	43	55	68	69	72	64	50	50	52	44	54	58	58	60	53	49	56	46	46	54	58	65	55.8
	Minimum	52	38	40	36	42	33	33	37	15	14	30	47	55	58	47	36	19	27	24	12	21	21	22	21	25	12	26	20	42	45	49	32.2
Columbia	Maximum	69	44	45	39	62	65	71	63	30	50	61	75	78	76	64	59	46	53	42	47	53	53	56	52	45	51	50	54	67	61	64	56.6
	Minimum	41	40	37	35	36	37	48	39	23	23	39	56	59	63	48	35	29	32	25	21	30	30	29	32	32	25	28	33	52	58	58	37.0
Due West	Maximum	66	45	45	44	59	62	66	62	37	48	56	66	73	71	65	51	45	49	37	49	53	58	54	50	45	53	51	45	56	63	62	54.1
	Minimum	39	37	35	33	41	37	42	26	20	22	34	50	57	62	46	30	24	30	21	17	24	28	32	31	31	26	30	31	41	50	31	34.1
Greenville	Maximum	64	44	43	46	58	59	62	62	38	41	53	65	66	70	62	51	43	48	35	46	53	53	54	49	44	54	51	42	56	59	62	52.7
	Minimum	39	36	35	33	38	40	41	29	19	23	37	50	61	61	44	31	26	30	25	18	33	30	35	34	32	29	33	34	42	49	32	35.5
Greenwood	Maximum	77	57	44	42	44	60	66	69	43	40	49	58	70	77	74	54	52	45	50	36	47	55	55	57	54	49	53	53	48	62	63	54.9
	Minimum	55	38	37	33	34	34	38	41	19	18	18	40	59	56	53	44	25	25	30	18	19	26	27	25	25	23	24	25	30	43	52	33.1
Heath Springs	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	75	76	....	....	43	49	....	....	50	50	54	....	....	50	47	....	58	62	60	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Hogback Mountain	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Kershaw	Maximum	69	49	49	41	61	65	72	63	34	50	66	74	78	76	66	66	46	52	49	45	50	52	56	50	50	51	53	54	63	64	62	57.5
	Minimum	51	38	37	33	34	34	42	34	22	16	33	55	59	64	44	42	24	29	25	19	26	29	27	26	27	22	24	24	41	57	50	35.0
Landrum	Maximum	55	49	44	47	61	69	62	61	37	41	48	68	70	75	67	51	45	49	49	40	49	56	57	48	45	53	52	43	79	58	63	54.3
	Minimum	47	36	39	31	33	35	34	36	17	15	30	45	43	60	45	36	27	20	26	20	31	31	34	26	28	19	20	22	39	45	50	33.0
Laurens	Maximum	66	49	41	41	67	64	69	62	39	48	58	69	76	77	62	53	46	49	41	45	53	55	55	52	46	53	53	46	57	67	63	55.7
	Minimum	49	36	39	34	42	34	35	36	21	17	32	49	59	59	45	38	23	27	29	18	27	24	24	26	32	23	21	21	39	44	47	33.9
Little Mountain	Maximum	70	48	41	38	45	55	70	75	39	40	62	72	76	75	70	60	45	51	40	40	51	50	55	50	49	47	49	49	63	65	65	55.1
	Minimum	45	35	38	32	40	45	50	37	19	20	30	51	57	58	50	40	23	30	31	19	26	28	33	29	29	22	27	35	43	45	51	36.1
Newberry	Maximum	69	46	45	40	61	66	70	64	39	48	61	71	77	76	65	55	45	52	40	42	55	54	56	53	46	52	52	50	63	64	62	56.1
	Minimum	44	38	39	34	35	35	43	36	20	19	33	47	57	64	46	35	25	30	29	19	25	26	26	24	31	22	22	27	48	54	38	34.4
Saluda	Maximum	74	48	42	42	54	56	67	40	40	45	60	71	78	72	71	50	41	46	46	44	50	49	49	49	44	41	46	48	62	62	61	53.3
	Minimum	47	38	40	34	33	34	37	39	21	18	32	49	57	62	48	43	25	30	33	19	25	24	24	28	30	22	20	22	40	54	54	34.7
Santuck	Maximum	70	44	43	40	62	63	68	65	44	44	58	70	76	76	70	55	42	51	45	44	53	53	55	50	44	52	53	48	61	63	63	55.6
	Minimum	44	37	39	32	28	28	35	43	17	14	28	47	58	61	46	41	22	23	30	15	23	21	21	18	27	18	15	17	37	45	53	31.7
Spartanburg	Maximum	55	45	40	43	50	60	63	40	40	44	55	68	70	73	50	56	43	48	40	44	53	52	55	64	54	55	53	43	55	58	50	52.2
	Minimum	51	36	36	32	30	32	34	40	18	15	30	37	51	60	49	44	24	23	29	16	28	23	23	21	23	18	17	18	35	45	44	31.9
Trenton	Maximum	74	49	45	68	61	66	69	67	41	40	65	74	73	70	70	55	45	50	44	44	53	55	58	55	40	50	54	55	62	63	62	57.3
	Minimum	49	38	40	42	37	40	45	39	21	27	36	58	62	50	42	26	30	22	19	27	31	33	31	35	28	29	30	48	56	56	57	37.8
Walhalla	Maximum	63	52	44	45	62	60	53	59	38	40	50	69	69	71	62	48	49	49	41	50	55	54	55	51	46	52	51	44	60	56	60	53.5
	Minimum	49	37	39	35	36	32	34	31	15	14	30	45	57	59	46	32	19	24	24	13	22	22	23	23	30	18	22	21	41	45	37	31.5
Winnsboro §§§	Maximum	57	....	44	....	61	64	70	48	38	49	66	72	77	76	56	55	45	51	37	45	52	52	55	52	45	51	52	55	63	63	61	b55.6
	Minimum	56	38	....	33	....	37	40	47	20	19	24	40	56	60	55	44	24	29	32	19	20	26	27	29	30	24	26	27	29	52	56	b34.8
Winthrop College	Maximum	70	52	44	40	60	64	68	66	40	45	59	71	76	76	68	60	46	56	36	45	51	53	65	51	43	52	52	49	60	61	61	55.9
	Minimum	49	35	38	32	32	34	44	40	19	20	33	47	57	58	42	41	22	28	26	17	25	25	28	26	28	23	25	24	42	50	55	34.0

Reference letters (a, b, c), appearing in the table indicate number of days missing: for example, b represents two days missing, etc.

§§§ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

W B O, Raleigh, 1-24-28 —900

1.05
SC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

SOUTH CAROLINA SECTION.

RICHARD H. SULLIVAN, Meteorologist.

VOL. XXX. COLUMBIA, S. C., YEAR, 1927. No. 13.

GENERAL SUMMARY.

The noteworthy features of the year 1927 were rather erratic thermal and precipitation departures and a dry period when rains were most needed for crop development. January and February maximum temperature records were equaled or broken at a number of stations. February averaged the warmest of all February records, and August averaged the coolest of August records. June cloudiness exceeded previous June records. In precipitation, January, April, May, August, and September had much less than normal, and December was close to the maximum average. The mean annual temperature was somewhat above normal, and the annual precipitation averaged considerably below normal. No tornadoes were reported during the year. Lightning and wind caused the death of 15 persons in February, May, June, July, August, and September and injury to 11 persons. Property damage under stress of storms has been estimated at $105,350, distributed in April, May, June, July, and September. Freshet conditions prevailed in several streams during January. February, March, July, and December, with only nominal damage.

Winter cereals, truck, and fruits had about normal development during January, but the generally high temperatures during February advanced vegetation about two weeks ahead of normal. Fruits were seriously injured by freezing weather in early March; asparagus was generally about two weeks in advance of normal, and cotton and corn planting proceeded around normal dates. On the whole, the growing season opened in April about two weeks ahead of normal, and crops made about the usual seasonal advance. Relative drought in May resulted in unsatisfactory development of spring crops, but winter cereal harvest proceeded after the middle of the month, with good yields generally. All crops made vigorous growth throughout June, and the first cotton bloom was picked at Barnwell on the 2d, nearly two weeks in advance of normal. July was generally favorable for growth; the first open cotton boll was observed near Lykesland on the 29th, but weevil ravages increased materially. August, also, was generally favorable, but weevil ravages continued severe in the lower elevations; the first cotton bale was ginned at Coosawatchie on the 3rd. All crops made about normal advance during September, but weevils continued damaging in most sections outside the higher Piedmont. During October, the usual winter cereal and fall plowing activites proceeded under favorable conditions, but winter cereal development was rather backward in November incident to light rainfall and rather poor plowing conditions. Generous rainfall in December improved the soil for plowing, and small grains came to good stands generally.

The last general spring killing frosts occurred about March 8 in the eastern and about March 28 in the western portion, and the first in autumn occurred about November 10 generally. The average latest spring killing frost date for 1927 was March 20, or 3 days earlier than normal, and the average earliest autumnal killing frost date was November 13, or 3 days later than normal. The growing was 227 days in length, or 6 days longer than normal.

The mean annual temperature was 63.9°, or 0.9° above normal. The warmest month was July, with a mean of 78.3°; coldest month, January, with a mean of 45.7°. The highest annual mean at any station was 67.7° at Beaufort (near); lowest annual mean, 56.4° at Caesar's Head. The highest temperature was 104° at Winnsboro on June 30 and at Garnett on July 1; lowest temperature, 2° above zero at Caesar's Head on January 16.

Seasonal temperatures with departures from 41-year normals: Winter, 50.7°, +4.2°, spring, 63.3°, +0.6°, summer, 76.4°, —2.3°, autumn, 66.2°, +2.3°.

The average annual precipitation was 42.16 inches, or 5.37 inches below normal. The greatest annual amount at any station was 57.25 inches at Caesar's Head; least annual amount, 29.86 inches at Charleston. The greatest monthly amount at any station was 13.78 inches at Pinopolis in July; least monthly amount, 0.04 inch at Chappells in September. The average number of rainy days was 87; greatest number at any station, 118 at Greenville and Greenwood; least number 55 at Edgefield. Average annual snowfall, 4.2 inches. Snowfall, ranging from Traces to 17.0 inches, occurred at a number of stations on January 4, 9, 10, 26, 27, and 28; on February 20; on March 1, 2, and 24, and on December 2 and 4.

During the growing season March to September, inclusive, the total precipitation was 25.31 inches, or 5.45 inches below normal.

Seasonal precipitation, with departures from 41-year normals: Winter, 8.81, —2.56 inches; spring, 7.29, —3.13 inches; summer, 16.39, —0.12 inch; autumn, 6.33, —2.76 inches

Moderate freshets occurred in the Santee River District in portions of January, February, March, July and December; in the Pee Dee River District in January, February, March, and December, and in the Savannah River District, in December.

The average annual atmospheric pressure was 30.08 inches. The highest pressure was 30.86 inches at Due West on Jannary 27; the lowest pressure was 29.37 inches at Charleston on February 19.

The average annual sunshine was 62% of the possible amount. The average annual number of clear days was 177; partly cloudy, 87, and cloudy, 101, as against normals of 174, 97, and 94 days, respectively.

The average annual relative humidity at 8 a. m. was 81%; noon, 60%, and 8 p. m., 70%.

The prevailing wind was from the southwest. The average annual hourly velocity was 7.7 miles. The highest velocity for any 5-minute period was 61 miles per hour from the west at Greenville on July 1.

WEATHER BY MONTHS.

January.—But one previous January had a lighter average rainfall. Temperature was near normal, but maximum records were equaled or broken at a number of stations about the 24th, and a decided cold wave occurred about the 16th. Moderate freshets occurred in several streams early in the month. Measurable snowfall was recorded in various sections on rather numerous dates. Sleet occurred on the 26th, 27th, and 28th.

February.—The month was the warmest February of record. Springlike weather prevailed from the 2d to the 19th, and the Section maximum temperature record was equaled on the 4th, while numerous local records were broken. Precipitation averaged close to normal. Freshets occurred in several streams

(CONTINUED ON PAGE 52.)

Climatological Data for the Year 1927.

Stations.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).							Number rainy days.	Sky.			Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for the year.	Greatest monthly.	Month.	Least monthly.	Month.	Total snowfall.		Number clear days.	Number partly cloudy days.	Number cloudy days.	
EASTERN PORTION.																				
Beaufort (near)	Beaufort	21	15	67.7	100	May 31†	18	Jan. 16	47	41.07	9.39	June	0.43	Nov.	T.	77	193	94	78	s
Blackville	Barnwell	296	44	.. ..	100	June 30†	12	Jan. 16	44	.....	9.09	June	0.70	Nov.	T.	.....	.....	.....	.....	.....
Charleston	Charleston	48	55	67.5	100	July 3	19	Jan. 16	57	29.86	8.79	Aug.	0.46	Nov.	T.	93	149	111	105	sw.
Cheraw	Chesterfield	144	46	62.0	102	June 30	9	Jan. 16	46	45.19	8.28	July	0.08	Sept.	9.0	69	.....	.....	.....	.....
Conway	Horry	25	31	65.4	99	June 30	13	Jan. 16	39	39.42	8.08	Aug.	0.43	Apr.	0.5	110	183	9	173	sw.
Darlington	Darlington	175	28	.....	99	Sept. 16	11	Jan. 16	33	.....	9.42	June	0.65	Apr.	3.0	.....	.....	.....	.....	.....
Effingham	Florence	106	.....	.....	.....	.....	.....	.....	37	43.18	8.91	June	0.62	Apr.	1.2	89	.....	.....	.....	.....
Ferguson	Orangeburg	63	39	.....	99	June 22	14	Jan. 16	42	41.16	9.69	July	0.86	Apr.	T.	87	.....	.....	.....	.....
Florence 1	Florence	136	46	64.8	99	July 28	12	Jan. 16	46	41.58	7.24	July	0.53	Jan.	3.0	95	203	78	84	sw.
Florence 2	Florence	136	.....	.....	.....	.....	.....	.....	11	41.13	9.21	July	0.53	Apr.	3.0	86	203	70	92	sw.
Garnett	Hampton	82	10	67.2	104	July 1	11	Jan. 16	10	42.32	9.76	June	0.70	Jan.	T.	97	179	138	48	.....
Georgetown	Georgetown	12	35	.....	98	June 30	11	Jan. 16	35	.....	8.51	June	0.92	Jan.	T.	.....	.....	.....	.....	.....
Kingstree	Williamsburg	54	46	65.7	98	Sept. 16	16	Jan. 16	46	39.62	8.79	Aug.	0.73	Jan.	1.0	82	232	24	99	s.
Marion	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mars Bluff	Florence	92	.....	.....	.....	.....	.....	.....	4	32.10	6.73	June	0.16	Jan.	3.3	93	.....	.....	.....	.....
Orangeburg	Orangeburg	264	12	65.8	99	June 30	13	Jan. 16	12	36.06	7.61	July	0.38	Sept.	T.	89	161	110	94	sw.
Pinopolis**	Berkeley	54	43	.....	94	May 20†	15	Jan. 16	81	.. ..	13.78	July	0.25	Sept.	T.	.....	.....	.....	.....	.....
Rimini	Clarendon	97	.....	.....	.....	.....	.....	.....	17	.....	7.15	June	0.20	Apr.	T.	.....	.....	.....	.....	.....
Society Hill	Darlington	192	37	.....	98	June 30	10	Jan. 16	37	49.60	8.32	Aug.	1.25	Jan.	7.0	101	241	27	97	s.
Summerville	Dorchester	75	30	.....	97	May 31	14	Jan. 16	30	.....	11.16	July	0.50	Apr.	0	.....	.....	.....	.....	.....
Wedgefield	Sumter	249	6	66.0	98	June 30	12	Jan. 16	6	44.67	7.18	June	0.63	Jan.	3.2	.....	.....	.....	.....	.....
Yemassee	Hampton	24	39	66.7	101	May 31	10	Jan. 16	39	48.64	11.62	June	0.72	Apr.	T.	81	224	15	126	sw.
Division means and extremes.		.....	.....	65.4	104	July 1	9	Jan. 16	.....	41.47	13.78	July	0.08	Sept.	0.5	87	207	64	94	sw.
WESTERN PORTION.																				
Aiken	Aiken	527	64	66.0	98	May 31†	12	Jan. 16	66	35.23	7.14	Feb.	0.40	Sept.	1.0	89	225	35	105	nw.
Anderson	Anderson	764	31	63.1	98	June 30	12	Jan. 16	35	40.02	9.44	Dec.	1.02	Jan.	5.0	94	215	28	122	w.
Blairs	Fairfield	293	.....	.....	.....	.....	.....	.....	23	40.15	7.96	Dec.	0.99	Jan.	5.0	83	.....	.....	.....	.....
Cæsar's Head	Greenville	3118	4	56.4	89	June 30	2	Jan. 16	4	57.25	10.03	Dec.	1.51	May	8.2	75	95	98	172	.....
Calhoun Falls	Abbeville	508	11	63.8	101	June 30†	10	Jan. 16	29	41.14	9.83	Dec.	0.23	Sept.	0.2	77	142	84	139	s.
Camden	Kershaw	222	49	.....	100	June 30	12	Jan. 16	79	54.16	8.33	July	1.03	Dec.	2.0	92	.....	.....	.....	.....
Catawba	York	562	.....	.....	.....	.....	.....	.....	22	43.25	8.97	Dec.	1.08	Jan.	12.0	77	... ..	...	.....	.....
Chappells	Newberry	402	.....	.....	.....	.....	.....	.....	23	41.29	8.85	Dec.	0.04	Sept.	1.0	89	.....	.....	.....	.....
Chester	Chester	487	6	....	.....	.....	.....	.....	6	.....	9.52	Aug.	0.70	Jan.	.....	.....	.....	.....	.....	.....
Clemson College	Oconee	850	33	62.5	100	Sept. 15†	8	Jan. 16	36	43.71	9.52	Dec.	1.09	Jan.	6.0	92	162	138	65	w.
Columbia	Richland	351	41	65.1	101	June 30	14	Jan. 16	41	40.57	7.39	Dec.	0.51	Nov.	0.7	105	129	129	117	ne.
Creseent	.....	.....	.....	.....	.....	.....	... ..	.....	.....	38.31	8.95	Dec.	1.05	Jan.	8.0	98	.....	.....	.....	.....
Due West	Abbeville	711	14	62.8	99	June 30	11	Jan. 16	14	40.24	8.61	Dec.	0.91	Jan.	3.2	111	112	134	119	sw.
Edgefield	Edgefield	.....	.....	.....	.....	.....	.....	.....	15	39.21	9.60	July	0.45	Aug.	1.0	55	.....	.....	.....	.....
Gaston Shoals††	Cherokee	680	.....	.....	.....	.....	.....	.....	25	35.20	9.06	Dec.	0.84	Sept.	9.7	101	.....	.....	.....	.....
Greenville	Greenville	989	44	62.2	99	June 30	12	Jan. 16	44	42.82	9.86	Dec.	0.80	Sept.	9.7	118	107	134	124	ne.
Greenwood	Greenwood	671	44	63.1	100	Sept. 16†	11	Jan. 16	44	43.58	8.61	Dec.	1.09	Sept.	1.0	118	.....	.....	.....	.....
Heath Springs	Lancaster	568	26	.....	98	Sept. 16	11	Jan. 16	26	42.68	6.90	Dec.	1.11	Jan.	8.0	80	146	57	162	w.
Hogback Mountain	.....	3025	2	.....	.....	.....	3	Jan. 16	2	.....	.....	.....	1.28	Jan.	17.0	.....	.....	.....	.....	.....
Kershaw	Kershaw	500	12	63.3	102	June 30	10	Jan. 16	12	41.52	7.59	Dec.	1.29	Jan.	6.0	96	146	17	202	w
Landrum	Spartanburg	1063	13	62.0	101	June 30	8	Jan. 16	13	42.89	8.16	Dec.	1.02	Sept.	6.2	77	206	186	73	sw.
Laurens	Laurens	589	10	63.9	101	Sept. 16	9	Jan. 16	10	43.28	9.63	Dec.	0.31	Sept.	7.0	91	180	136	49	sw.
Little Mountain	Newberry	711	35	.....	100	June 30	16	Jan. 16	35	49.21	8.72	July	1.20	Sept.	2.0	79	215	74	76	w.
Lockhart	.....	336	.....	.....	.....	.....	.....	.....	2	33.58	6.31	Aug.	0.91	Jan.	12.5	67	.....	.....	.....	.. ...
Newberry	Newberry	502	24	.....	101	Sept. 15	10	Jan. 16	24	41.43	8.59	Dec.	0.98	Jan.	2.0	98	171	97	97	w.
Pelzer	Anderson	850	.....	.....	.....	.....	.....	.....	24	42.48	8.90	Dec.	1.12	Jan.	9.0	114	.....	.....	.....	.....
Saluda	Saluda	536	26	62.9	98	June 30	12	Jan. 16†	26	38.84	8.81	Dec.	0.88	Nov.	0.5	112	153	149	63	sw.
Santuek	Union	512	35	62.4	102	June 30	7	Jan. 15	35	41.40	9.66	Dec.	1.18	Jan.	11.5	102	150	137	78	w.
Spartanburg	Spartanburg	875	51	.....	99	Sept. 15†	7	Jan. 16	49	42.89	8.00	Dec.	0.90	Apr.	14.0	74	247	11	107	.....
Trenton	Edgefield	620	35	.....	101	June 30	11	Jan. 16	35	.....	7.80	Dec.	0.70	Jan.	1.0	..	.....	.....	.....	.....
Walhalla	Oconee	1061	26	61.0	100	June 30	7	Jan. 16	28	50.69	11.38	Dec.	1.41	Jan.	14.0	117	170	125	70	sw.
Winnsboro	....do	545	34	63.4	104	June 30	9	Jan. 16	34	42.74	8.99	Dec.	0.69	Sept.	4.0	95	.....	.....	.....	.....
Winthrop College ††	York	690	28	62.9	101	June 30	9	Jan. 16	28	43.77	9.43	Dec.	1.05	Nov.	13.0	80	126	161	78	sw.
Division means and extremes.		.....	.....	62.7	104	June 30	2	Jan. 16	.....	42.88	11.38	Dec.	0.04	Sept.	6.6	91	164	96	105	sw.
Section means and extremes.		.....	.....	63.9	104	June 30†	2	Jan. 16	.....	42.16	13.78	July	0.04	Sept.	4.2	87	177	87	101	sw.

† On other dates also.

** Temperature data are from observed readings of the dry bulb; means are computed from observed readings.

†† Postoffice addresses of these stations are as follows: Of Gaston Shoals, Blacksburg; of Winthrop College, Rock Hill.

Monthly and Annual Precipitation for the Year 1927, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
EASTERN PORTION.																										
Beaufort	0.50	−2.27	3.41	+0.02	3.88	+0.56	1.03	−1.33	0.61	−2.67	9.39	+4.19	8.51	+2.40	4.59	−1.07	0.68	−3.12	4.51	+1.23	0.43	−1.74	3.53	+0.64	41.07	− 5.16
Blackville	0.75	−2.36	5.96	+1.88	3.25	−0.06	0.80	−2 44	4.40	+0.72	9.09	+3.68	5.82	+0.32	1.50	−4.01	1.45	−2.73	2.80	+0.05	0.70	−1.35	... .	.....	.....	.....
Charleston	0.63	−2.82	2.17	−1.24	2.97	−0.75	0.63	−2.36	0.71	−2.76	4.10	−1.29	4.61	−2.65	8.79	+1.82	1.23	−4.23	2.37	−1.56	0.46	−2.41	1.19	−1.90	29.86	−12.21
Cheraw	0.44	−2.68	2.63	−1.44	3.45	−0.09	1.79	−1.26	2.33	−1.28	4.87	−0.27	8.28	+2.18	6.60	+0.27	0.08	−3.48	6.42	+3.60	1.98	−0.20	6.32	+3.14	45.19	−− 1.45
Conway	1.12	−2.40	2.22	−2.09	2.42	−1.14	0.43	−2.69	1.14	−1.56	7.33	+2.18	5.94	−0.71	8.08	+1.25	3.83	−1.05	1.90	−1.34	1.30	−0.93	3.71	+0.47	39.42	−11.07
Darlington	1.08	−1.84	4.07	+0.46	5.43	+2.47	0.65	−2.59	0.75	−2.91	9.42	+3.98	3.76	−1.96	4.50	−0.55	3.69	−0.31	.....	.....	.....	.....	3.81	+1.00	.....	..... .
Effingham	0.78	−2.72	4.78	+0.07	3.42	−0.36	0.62	−2.76	1.52	−2.13	8.91	+2.98	7.26	+1.14	3.08	−1.97	2.06	−2.10	4.67	+1.74	2.47	+0.42	3.61	+0.47	43.18	− 6.01
Ferguson	1.11	−2.48	3.18	−0.62	3.30	+0.06	0.86	−2.10	2.15	−1.92	5.46	−0.14	9.69	+3.03	3.76	−3.05	2.38	−1.50	4.15	+1.19	1.17	−0.96	3.95	+0.89	41.16	− 7.58
Florence 1	0.53	−2.50	4.51	+0.42	3.31	−0.01	0.96	−1.97	1.62	−2.40	6.56	+1.29	7.24	+1.36	3.79	−1.55	2.06	−2.01	5.69	+2.72	1.88	−0.17	3.43	+0.51	41.58	− 4.31
Florence 2	0.83	−2.20	3.63	−0.46	3.26	−0.06	0.53	−2.40	1.03	−2.99	7.19	+1.82	9.21	+3.33	5.08	−0.26	2.38	−1.69	3.90	+0.93	1.58	−0.47	2.51	−0.41	41.13	− 4.76
Garnett	0.70	.....	2.49	.....	2.82	.....	2.11	.....	1.69	.....	9.76	.....	6.56	.....	6.01	.....	0.93	.....	2.22	.....	1.04	.....	5.99	.....	42.32	.....
Georgetown	0.92	−2.42	3.09	−0.94	3.68	+0.21	1.53	−1.77	4.37	+0.68	8.51	+2.81	6.41	−1.49	....	.....	2.97	−1.34	2.00	−1.30	1.56	−0.75	2.42	−1.20	....	.....
Kingstree	0.73	−2.63	3.16	−0.68	3.08	−0.31	0.87	−1.93	2.03	−1.34	6.56	+2.38	6.68	+0.10	8.79	+2.66	1.00	−−3.17	2.69	−0.07	0.98	−1.10	3.05	+0.01	39.62	− 7.08
Marion	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.58	.....	4.04	.....	.....	.....
Mars Bluff	0.16	.....	3.18	.....	3.86	.....	0.55	.... .	2.06	.....	6.73	.....	5.44	.....	4.92	.....	2.25	.....	4.34	.....	1.39	.....	3.95	.....	32.10	.....
Orangeburg	0.64	−2.81	4.09	+0.64	2.48	−1.10	0.53	−1.78	2.48	−1.01	6.10	+1.61	7.61	+0.44	2.80	−2.12	0.38	−3.29	3.07	+1.05	0.77	−0.73	5.11	+0.17	36.06	− 6.36
Pinopolis	0.92	−2.20	....	.....	4.24	+0.66	0.70	−2.31	2.07	−1.62	5.95	+0.26	13.78	+6.99	6.05	−0.33	0.25	−4.41	2.61	−0.37	....	.....	3.75	+0.76	....	.....
Rimini	0.72	−3.07	5.22	+1.68	3.27	−0.11	0.20	−2.85	1.48	−−2.91	7.15	+2.83	5.04	+2.82	4.25	−0.77	0.36	−3.42	1.26	−1.17	1.28	−0.43	... .	.....	....	.....
Society Hill	1.25	−1.92	3.56	−0.81	4.49	+1.17	2.31	−1.15	2.88	−0.70	5.77	+0.45	6.19	−0.56	8.32	+2.60	1.93	−2.23	5.54	+2.66	1.89	−0.29	5.47	+2.23	49.00	− 1.65
Summerville	1.08	−1.07	2.18	−1.74	2.33	−0.97	0.50	−2.95	1.95	−−1.69	6.54	+0.84	11.16	+4.20	4.41	−2.69	.....	.....	.....	.....	.....	.....	2.81	+0.75	... .	.....
Wedgefield	0.63	−2.99	4.23	+0.18	2.68	−0.76	1.10	−1.99	1.68	−1.65	7.18	+2.41	5.14	+0.12	7.10	+1.41	2.34	−1.48	4.00	+1.29	1.85	−0.22	6.74	+3.48	43.67	− 8.32
Yemassee	0.73	−2.09	3.67	+0.12	2.18	−1.26	0.72	−2.17	1.34	−2.50	11.62	+5.06	8.40	+1.33	8.84	+2.56	2.40	−1.79	2.87	+0.04	1.14	−0.93	4.73	+1.28	48.64	+ 0.65
Division means and departures.	0.77	−3.03	3.57	−0.33	3.43	−0.07	0.93	−2.11	1.80	−1.69	7.33	+1.87	7.40	+2.05	5.56	−0.74	1.63	−2.48	3.61	+0.63	1.33	−0.80	4.11	+1.08	41.47	− 6.07
WESTERN PORTION.																										
Aiken	0.97	−2.72	7.14	+3.14	3.41	−0.54	1.10	−2.10	0 29	−3.29	6.74	+2.06	6.11	+1.19	0.85	−4.42	0.40	−2.94	0.49	−2.18	0.69	−1.85	7.04	+3.40	35.23	−10.27
Anderson	1.02	−3.21	3.75	−1.41	4.25	−0.23	1.70	−1.79	1.22	−2.09	5.06	+1.46	5.64	+0.66	2.44	−2.46	1.22	−1.91	2.97	+0.25	1.31	−1.33	9.44	+4.66	40.02	− 7.44
Blairs	0.99	−2.79	4 14	+0.07	3 16	−0.56	1.32	−1.52	1.46	−1.69	3.80	−0.17	7.40	+2.36	4.23	−0.88	1.73	−1.33	2.60	+0.11	1.36	−0.88	7.96	+4.30	46.15	− 2.96
Cæsars Head	1.63	.....	5.81	.....	6.15	.....	4.60	.....	1.51	.....	5.66	.....	6.07	.....	3.75	.... .	3.76	.....	2.70	.....	5.58	.....	10.03	.....	57.25	.....
Calhoun Falls	1.10	−3.14	4.46	−0.90	4.47	−0.39	2.15	−1.42	2.39	−1.59	5.44	+1.45	6.93	+1.77	1.25	−3.31	0.23	−3.51	1.81	−0.99	1.08	−0.24	9.83	+5.32	41.14	− 7.87
Camden	1.03	−2.50	5.26	+1.35	4.87	+1.18	1.15	−1.96	1.85	−1.36	5.35	+0.83	8.33	+3.02	5.97	+0.62	3.23	−0.49	7.47	+4.86	2.02	−0.31	7.63	+4.20	54.16	+ 9.42
Catawba	1.08	−1.75	3.16	−1.38	3.91	−0.20	1.43	−1.80	2.23	−1.55	4.18	−0.20	4.25	−1.84	4.16	−3.74	3.02	−0.53	5.94	+2.62	0.92	−1.44	8.97	+5.14	43.25	− 4.67
Chappells	1.18	−2.49	5.16	+1.03	3.70	−0.14	1.33	−1.61	3.04	0.00	6.03	+0.48	5.43	+0.61	4.38	+0.25	0.04	−−3.30	0.91	−1.61	1.24	−0.94	8.85	+4.53	41.29	− 1.17
Chester	0.70	.....	4.43	.....	3.48	.....	3.13	.....	2.30	.....	.. ..	.....	7.70	.....	9.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clemson College	1.09	−3.92	4.81	−0.64	4.63	+0.07	3.82	−0.11	1.27	−2.58	4.63	−0.20	6.44	+1.16	2.22	−2.78	1.16	−2.94	2.14	−1.16	1.98	−0.81	9.52	+4.26	43.71	− 9.75
Columbia	0.97	−2.32	3.69	−0.90	3.82	+0.12	1.55	−1.31	1.60	−1.59	4.10	−0.08	6.11	+0.05	3.86	−2.92	2.64	−0.81	4.33	+1.48	0.51	−1.72	7.39	+4.49	40.57	− 5.51
Crescent	1.05	.....	4.93	.....	4.55	.....	1.36	.....	1.73	.....	3.56	.....	3.68	.....	2.74	.....	2.21	.....	1.75	.....	1.80	.....	8.95	.....	38.31	.....
Due West	0.91	−2.89	3.86	−1.30	3.65	−0.75	1.64	−0.59	1.35	−2.50	4.89	+1.15	6.61	+2.03	1.74	−2.29	2.18	−1.27	3.26	+1.43	1.54	−0.48	8.61	+3.96	40.24	− 3.50
Edgefield	1.10	−3.59	3.63	−0 20	2.75	−1.04	1.95	−1.71	1.40	−1.80	5.65	+2.29	9.60	+4.18	0.45	−3.05	2.50	−0.51	2.00	−0.51	1.10	−1.17	7.08	+4.08	39.21	− 3.03
Gaston Shoals	1.01	−3.35	5.60	+1.10	3.53	−1.24	1.84	−1.79	2.42	−1.19	3.53	−1.05	3.74	-0.81	3.22	−2.09	0.84	−2.51	2.91	−0.05	0.98	−1.75	9.06	+4.84	35.20	−13.42
Greenville	1.25	−2.91	6.27	+1.02	3.89	−1.50	2.85	−0.80	1.57	−2.77	4.95	−0.14	5.57	+0.15	2.42	−3.22	0.80	−3.01	1.61	−1.59	1.78	−1.25	9.86	+5.08	42.82	− 5.64
Greenwood	1.10	−2.91	5.03	+0.27	3.86	−0.26	1.34	−1.63	2.90	−0.84	6.61	+1.33	5.55	+0.34	4.44	−0.56	1.09	−2.34	1.53	−1.30	1.52	−1.14	8.61	+4.26	43.58	−10.12
Heath Springs	1.11	−2.58	2.84	−1.06	3.69	+0.09	2.48	−0.77	1.73	−1.52	4.61	−0.56	5.25	+0.24	5.74	+0.30	2.01	−1.12	5.12	+2.60	1.20	−0.96	6.90	+3.20	42.68	− 2.04
Hogback Mountain	1.28	.....	5.78	.....	4.18	.....	1.82	.....	3.09	.....	5.42	.....	2.65	.....	3.04	.....	.....	.....	.....	.....	... .	.....	.....	.....	.....	.....
Kershaw	1.29	−−3.11	3.34	−0.40	3.97	+0.61	1.71	−1.91	1.46	−1.96	2.69	−2.49	4.93	−1.37	4.76	+0.69	2.03	−0.03	6.18	+4.07	1.57	−0.34	7.59	+4.57	41.52	− 1.67
Landrum	1.20	−4.91	5.76	+0.71	2.87	−2.61	3.33	−1.66	2.55	−3.86	5.45	−0.59	4.52	−2.98	3.40	−1.24	1.02	−3.44	2.83	−1.48	1.80	−1.48	8.16	+3.29	42.89	−19.07
Laurens	1.11	.....	4.39	.....	3.66	.....	1 57	.....	2.58	.....	4.61	.....	7.30	.....	4.10	....	0.31	.....	2.53	.....	1.49	.....	9.63	.....	43.28	.....
Little Mountain	1.57	−2.04	3.70	−0.70	4.83	−0.72	1.47	−1.89	3.31	+0.22	5.10	+0.88	8.72	+3.94	4.55	−0.42	1.20	−1.95	4.86	+2.65	1.29	−1.07	8.61	+5.31	49.21	+ 5.50
Lockhart	0.91	.....	2.67	.....	4.90	... ..	1.00	.....	2.10	.....	2.00	.....	5.18	.....	6.31	.....	1.10	.....	2.55	.....	0.92	.....	3.94	.....	33.58	.....
Newberry	0.98	−3.08	5.01	+0.67	4.07	+0.26	2.52	−0.66	1.25	−2.38	5.29	+1.06	4.35	−0.31	3.28	−1.77	2.40	−0.87	2.16	−0.84	1.53	−1.01	8.59	+4.32	41.48	− 4.01
Pelzer	1.12	−3.66	3.64	−1.31	3.48	−1.27	1.28	−2.74	4.34	+0.13	4.66	+0.77	5.50	−0.07	3.24	−1.14	2.86	−0.75	1.62	−1.80	1.84	−0.92	8.90	+3.56	42.48	− 9.20
Saluda	1.39	−2.28	4.68	+0.13	3.85	−0.36	1.96	−1.04	1.99	−0.67	4.31	+0.01	6.54	+0.76	1.64	−3.32	1.04	−2.27	1.75	−1.03	0.88	−1.60	8.81	+4.91	38.84	− 6.15
Santuck	1.18	−1.76	4.23	−0.72	3.85	−0.53	1.77	−1.55	1.87	−1.43	2.84	−1.03	4.72	−0.41	3.71	−1.90	2.19	−1.03	2.98	−0.13	2.40	−0.42	9.66	+5.57	41.40	− 6.34
Spartanburg	0.95	−3.10	7.35	+2.80	5.80	+0.99	0.90	−2.38	2.10	−2.02	3.85	−0.56	5.42	−0.30	3.37	−1.95	1.60	−1.76	1.90	−0.64	1.65	−1.18	8.00	+3.89	42.89	− 5.31
Trenton	0.70	−2.93	4.18	−0.74	5.02	+0.79	1.65	−1.73	0.80	−2.44	6.38	+2.04	6.06	+0.56	... .	.....	0.69	−2.61	1.43	−1.53	0.93	−1.52	7.80	+4.01	....	.....
Walhalla	1.41	−0.44	7.57	+2.14	4.48	−1.60	3.44	−1.39	2.12	−2.02	4.62	−0.13	3.73	−1.28	3.90	−1.28	1.99	−3.14	3.63	+0.27	2.42	−0.58	11.38	+6.07	50.69	− 8.09
Winnsboro	1.23	−2.42	3.68	−0.65	3.44	−0.50	2.13	−−0.81	1.40	−1.95	2.78	−−1.60	4.82	−0.55	5.75	−2.19	0.69	−2.87	6.61	+3.64	1.22	−0.95	8.99	+5.59	42.74	− 2.04
Winthrop College	1.24	−1.57	3.69	−0.49	3.53	+0.13	2.67	−0.62	2.46	−1.75	3.17	−1.56	4.37	−1.00	5.14	−1.91	3.20	−0.03	3.82	+1.13	1.05	−1.23	9.43	+5.21	43.77	− 2.97
Division means and departures.	1.12	−2.99	4.66	+0.03	4.24	−0.12	1.99	−1.28	1.99	−1.40	4.63	+0.02	5.77	+0.42	3.55	−1.85	1.66	−2.22	3.04	+0.01	1.52	−0.99	8.71	+4.43	42.88	− 5.57
Section means and departures.	0.98	−2.61	4.24	−0.07	3.79	−0.11	1.58	−1.41	1.92	−1.61	5.67	+0.86	6.38	+0.47	4.34	−1.45	1.63	−2.20	3.25	+0.28	1.45	−0.84	6.93	+3.37	42.16	− 5.37

The departures from the normal precipitation are computed only for such stations as have ten or more years of record.

Monthly and Annual Mean Temperatures for the Year 1927, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
EASTERN PORTION.																										
Beaufort (near)	50.2	−1.4	61.0	+9.0	59.8	+1.7	67.5	+2.3	74.7	+1.7	77.6	−2.8	80.2	−1.2	80.0	−1.1	78.4	+0.5	69.2	+1.4	62.0	+3.3	[a]52.1	+0.9	67.7	+1.2
Blackville	46.4	−2.1	58.7	+10.2	57.5	−0.2	66.0	+1.6	73.4	+0.4	77.2	−2.2	77.4	−4.0	77.8	−2.7	77.0	+1.2	66.4	+1.5	59.2	+3.6	.....	.....	.....	.....
Charleston	49.6	−0.3	61.2	+8.8	58.9	+1.5	66.3	+1.8	74.6	+1.9	78.8	−0.1	80.6	−0.8	79.5	−1.5	78.1	+1.7	69.6	+1.8	61.6	+3.5	50.8	−0.9	67.5	+1.5
Cheraw	44.4	+0.5	55.6	+10.2	54.4	+0.6	62.6	+0.9	70.7	+0.2	72.4	−2.0	77.8	−2.2	74.4	−4.3	73.0	−0.6	63.2	+0.9	55.1	+2.7	45.2	+0.8	62.4	+0.4
Conway	48.2	+0.1	58.8	+10.4	57.0	+0.4	63.6	+0.8	72.6	+2.0	77.2	+0.1	78.9	−1.0	76.9	+2.1	76.2	+1.4	67.0	+2.2	59.0	+4.6	50.0	+0.7	65.4	+1.6
Darlington	45.7	+0.3	[a]57.2	+11.2	55.0	−0.7	[b]62.8	+0.6	72.0	+1.3	75.0	−2.1	78.2	−1.7	.....	.....	[a]75.4	+0.8	.....	.....	.....	.....	[a]45.8	0.0	.....	.....
Ferguson	45.6	+1.0	58.0	+9.8	.....	.....	.....	.....	73.2	+0.9	77.0	−0.3	79.4	−0.1	76.8	−1.6	76.4	+2.0	66.3	+2.2	58.1	+3.1	48.0	−0.3	.....	.....
Florence 1	48.2	+2.7	56.8	+10.0	54.2	−1.6	[a]63.6	+0.8	72.6	+0.6	76.4	−2.3	80.2	−1.2	[a]76.9	−3.3	[a]77.0	+3.8	66.2	+2.0	57.8	+3.7	48.0	+2.4	64.8	+1.5
Garnett	49.7	.....	60.5	.....	59.8	.....	67.4	.....	[b]73.8	.....	[a]79.3	.....	80.6	.....	79.7	.....	[a]77.6	.....	68.0	.....	60.2	.....	50.0	.....	67.2	.....
Georgetown	49.1	+0.3	59.6	+10.0	57.6	−0.1	65.7	+2.0	73.8	+1.9	80.2	+1.7	81.8	+1.1	.....	.....	79.7	+3.5	.....	.....	.....	.....	.....	.....	.....	.....
Kingstree	48.8	+1.0	59.4	+11.6	57.7	+0.8	64.4	+1.0	72.9	+1.3	76.9	−1.3	78.5	−1.9	77.0	−2.5	76.6	+1.9	67.0	+2.6	59.4	+4.6	50.0	+1.9	65.7	+1.7
Marion	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60.1	.....	46.8	.....	.....	.....
Orangeburg	[a]48.3	+1.4	59.7	+8.9	57.2	−0.4	66.2	+1.6	73.0	+2.7	77.2	−1.5	79.3	−0.7	77.4	−2.3	76.8	+1.3	66.8	+1.0	59.5	+5.1	48.0	−1.4	65.8	+2.0
Pinopolis	50.4	+2.6	.....	.....	56.4	−0.4	62.8	+0.6	.....	.....	.....	.....	76.7	−1.2	[c]76.8	−0.9	74.0	−0.3	65.4	+1.3	.....	.....	47.8	−0.2	.....	.....
Society Hill	43.7	+0.4	[b]55.3	+10.1	[a]58.8	+0.5	[a]61.0	−0.7	70.3	−0.2	[a]74.1	−3.2	[d]77.3	−2.3	[c]72.7	−5.9	.....	.....	[c]61.7	−0.9	[a]54.0	+2.3	[a]44.9	−0.3	.....	.....
Summerville	[a]49.6	+0.1	59.6	+9.5	57.3	−1.1	[b]65.0	+1.2	[c]72.6	+1.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]48.7	−0.9	.....	.....
Wedgefield	48.2	+2.1	60.4	+11.9	58.3	+2.7	66.0	+3.4	73.6	+2.5	76.3	−1.0	78.8	−0.6	76.8	−1.3	76.9	+2.7	68.0	+4.1	59.6	+5.6	48.5	+0.7	66.0	+2.8
Yemassee	49.9	+1.2	60.5	+11.8	58.8	+0.7	66.6	+2.5	72.8	+0.6	78.2	−0.6	79.2	−1.5	78.6	−1.3	76.7	+1.1	67.8	+2.2	60.5	+4.7	50.8	+3.6	66.7	+2.0
Division means and departures.	48.0	+0.5	58.9	+10.5	57.1	+0.5	64.8	+1.8	72.9	+1.1	76.7	−1.0	79.1	−1.3	77.2	−2.3	76.4	+2.0	66.6	+1.8	59.0	+4.3	48.4	−0.8	65.4	+1.4
WESTERN PORTION.																										
Aiken	48.2	+2.0	58.7	+9.5	58.0	+2.4	66.4	+3.1	72.8	+1.1	76.9	−0.9	79.1	−1.0	78.0	−0.9	77.4	+1.8	67.6	+3.7	60.4	+6.1	49.0	+0.8	66.0	+2.4
Anderson	44.8	+0.6	55.0	+9.5	54.9	+0.8	62.4	+0.8	71.0	+2.2	73.7	−2.3	77.7	−1.8	75.8	−2.6	75.1	+0.9	66.0	+2.9	56.3	+3.5	44.6	+0.2	63.1	+1.1
Cæsar's Head	37.7	.....	47.0	.....	46.1	.....	54.4	.....	[k]64.1	.....	67.0	.....	[k]71.6	.....	69.0	.....	69.4	.....	60.4	.....	50.8	.....	40.0	.....	56.4	.....
Calhoun Falls	[g]44.4	.....	54.8	.....	54.2	.....	63.6	.....	72.0	.....	75.6	.....	79.2	.....	77.2	.....	76.4	.....	66.1	.....	57.7	.....	44.4	.....	63.8	.....
Camden	[g]44.9	−1.2	[d]57.6	+10.4	55.4	+1.0	64.4	+1.9	73.8	+5.8	.....	.....	79.8	−0.4	.. ..	.....	[a]76.9	+2.8	.....	.....	.....	.....	.....	.....	.....	.....
Chester	45.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[c]79.8	.....	75.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clemson College	44.0	+1.7	51.4	+10.5	[a]53.9	+1.2	62.7	+2.8	69.2	+0.7	73.6	−2.0	77.4	−0.1	75.4	−1.9	74.8	+2.1	65.2	+3.6	55.8	+4.9	44.0	+0.5	62.5	+2.0
Columbia	47.2	+0.6	57.6	+9.4	57.0	+1.8	64.3	+1.0	73.4	+1.6	76.4	−1.7	79.2	−1.7	77.1	−2.5	76.9	+2.4	66.8	+2.5	58.4	+4.4	46.8	−0.4	65.1	+1.5
Due West	44.0	+0.7	54.2	+9.5	54.4	−0.8	62.5	+1.6	70.8	+1.4	73.8	−3.2	77.9	−1.3	75.8	−2.8	75.6	+1.9	65.0	+2.9	56.0	+3.0	44.1	−1.5	62.8	+0.9
Greenville	43.9	+3.6	53.6	+10.3	53.8	+3.9	61.8	+3.2	69.5	+2.3	72.6	−1.5	77.0	+0.1	74.8	−1.0	75.0	+4.4	65.6	+5.4	55.3	+5.7	44.1	+1.9	62.2	+3.1
Greenwood	43.5	+0.6	53.6	+7.3	53.8	+0.9	64.5	+3.3	70.9	+0.5	74.8	−2.8	78.4	−0.6	76.2	−2.1	75.6	+2.3	66.0	+4.0	56.4	+4.5	44.0	+0.4	63.1	+1.5
Heath Springs	44.0	+0.3	53.4	+9.3	53.3	−0.5	60.8	+0.1	69.6	−0.1	72.2	−4.4	76.8	−2.5	73.8	−4.7	74.0	+0.4	64.2	+1.8	53.6	+1.6	.....	.....	.....	.....
Hogback Mountain	38.2	.....	48.2	.....	46.4	.....	55.0	.....	63.1	.....	65.9	.....	70.6	.....	69.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kershaw	44.6	+0.5	55.1	+8.6	55.0	0.0	63.2	+0.5	71.4	+0.9	73.0	−4.7	78.4	−0.6	75.0	−3.6	75.4	+1.2	65.6	+1.6	56.5	+2.9	46.2	+0.2	63.3	+0.8
Landrum	42.8	+0.7	53.3	+8.8	53.0	+1.4	61.4	+1.4	70.1	+3.5	73.0	−2.3	77.5	+0.4	75.5	−0.9	75.2	+2.2	64.5	+2.2	54.7	+3.5	43.6	0.0	62.0	+1.7
Laurens	44.7	.....	54.6	.....	55.6	.....	63.8	.....	[b]72.2	.....	75.1	.....	79.4	.....	77.3	.....	76.4	.....	66.0	.....	56.8	.....	44.6	.....	63.9	.....
Little Mountain	44.6	−0.8	.....	.....	.....	.....	62.3	+0.5	70.6	−0.6	74.6	−3.3	78.2	−1.8	75.6	−4.6	75.8	+0.9	66.0	+2.0	56.0	+2.3	45.6	−0.5	.....	.....
Newberry	45.8	+0.8	55.8	+9.8	55.6	+0.5	.....	.....	[f]72.6	+2.0	75.2	−3.4	79.4	−1.3	77.4	−2.2	76.8	+1.7	65.8	+2.4	57.2	+4.8	45.2	−0.3	.....	.....
Sahida	[a]45.8	+0.8	56.0	+9.1	55.4	−0.3	62.6	+0.2	70.3	−0.5	74.6	−3.2	78.0	−2.1	75.7	−3.6	74.0	−0.6	62.8	−0.1	55.2	+2.6	44.0	−1.8	62.9	0.0
Santuck	[a]44.3	+1.3	54.2	+10.5	54.0	+0.8	[a]62.1	+1.6	70.5	+0.7	74.2	−2.7	78.4	−1.2	76.2	−2.2	72.9	−0.2	63.2	+1.3	54.8	+3.8	43.6	0.0	62.4	+1.2
Spartanburg	43.0	+1.4	51.0	+7.9	51.8	+0.4	59.2	−1.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54.2	+3.5	42.0	−0.4	.....	.....
Trenton	48.1	+1.3	57.0	+10.3	57.3	+1.1	66.7	+3.8	73.4	+1.6	76.2	−2.3	80.0	−0.2	.....	.....	.....	.....	68.0	+3.4	59.8	+4.9	47.6	+0.2	.....	.....
Walhalla	43.4	+1.1	51.8	+8.0	52.0	+0.5	60.8	+2.0	[a]67.9	+1.1	72.3	−2.9	76.2	−0.9	74.4	−3.1	73.1	+1.5	63.8	+3.2	54.0	+3.4	42.5	−1.4	61.0	+1.9
Winnsboro	44.0	0.0	[b]54.8	+7.7	54.1	+0.3	[f]61.7	+2.3	[b]71.6	+1.0	74.6	−0.1	79.2	−0.4	[c]75.8	−2.4	[c]76.0	+2.3	[c]65.6	+3.2	[c]58.3	+5.6	[b]45.2	+0.1	63.4	+1.6
Winthrop College	44.0	+0.6	54.0	+9.1	54.4	+0.8	62.4	+1.5	70.7	+1.4	74.0	−2.6	[b]78.6	−0.6	75.5	−2.8	74.6	+1.4	65.7	+3.3	56.0	+4.3	45.0	+1.2	62.9	+1.5
Division means and departures.	43.3	+0.2	54.2	+9.0	53.9	+0.2	62.1	+1.0	70.5	+0.1	73.8	−2.9	77.8	−1.5	75.3	−3.0	75.3	+2.1	65.2	+2.6	56.0	+3.7	44.5	−0.3	62.7	+1.3
Section means and departures.	45.7	+0.2	57.6	+10.2	55.2	+0.4	63.2	+0.8	71.4	+0.4	74.9	−2.6	78.3	−1.4	76.1	−2.8	75.6	+1.2	65.8	+2.2	57.2	+3.6	46.2	−0.4	63.9	+0.9

The departures from the normal temperature are computed only for such stations as have ten or more years of record.
Reference letters ([a], [b], [c]), appearing in the table indicate number of days missing: For example, [b] represents two days missing, etc.

WEATHER BY MONTHS.—*Continued.*

(CONTINUED FROM PAGE 49.)

after the 22d. Snow flurries were reported in northwestern counties on the 20th. Three persons were injured by lightning on the 23d.

March.—Weather very changeable, and temperatures averaged somewhat above normal, the month opening unseasonably cold, with light to heavy snowfall up-State, followed later by abnormal warmth. Precipitation was somewhat below normal. Sleet occurred at numerous up-State stations on the 1st, 2d, and 9th. Floods occurred in several streams during the month. Late spring freezes were general up to the 5th and in the western portion as late as the 28th.

April.—The month was remarkably dry, with temperatures somewhat above normal. Woods were generally green by the 1st. Freakish thunderstorms in sections of the central and upper counties on the 1st and elsewhere on the 5th, 19th, and 30th, caused damage by hail, wind, and lightning approximating $54,000. Late spring killing frosts were confined to the northwestern edge of the Section on the 11th, and as late as the 24th.

May.—Precipitation was decidedly below and temperatures somewhat above normal. Four persons were killed by lightning on the 25th and 31st, two persons were injured, and two mules were killed. Damage by lightning, hail and wind squalls on the 11th, 28th, 29th, 30th, and 31st approximated $17,100.

June.—Very cool, on the whole, but the month closed with abnormal heat. Precipitation was considerably above normal, and the average cloudiness exceeded all previous June records. Two persons were killed by lightning on the 2d, and four persons were injured. Wind squall and hail damage on the 1st and 14th approximated $2,800.

July.—Fairly seasonable weather prevailed. Seven persons were killed by lightning and wind (falling tree) on the 1st, 6th,

14th, 19th, and 21st, and 2 persons were injured. Estimated damage by lightning, wind squalls, and heavy rains on the 4th, 5th, 13th, 19th, 21st and 23d, $31,200. Freshets occurred in several streams during the month.

August.—The month was the coolest August of record, except one. Precipitation averaged below normal and was very unevenly distributed. One person was killed by lightning on the 18th.

September.—Precipitation was decidedly below normal, and temperatures averaged higher than usual, with a pronounced heat wave from the 11th to the 19th, followed by a marked cool period from the 21st to the 25th, inclusive. One person was killed by lightning on the 2d, and two mules valued at $250 were also killed.

October.—Temperatures averaged considerably above normal, and precipitation was somewhat above the average. Light frosts were quite general up-State on the 14th, 15th, 16th, and 19th, and the first killing frost in the higher elevations occurred on the 18th.

November.—The month was unseasonably warm, as a whole, and quite dry, especially during the latter part. Killing frosts were quite general in the northern counties about the 7th, advancing over the central counties by the 21st. The woods were generally bare by the 25th.

December.—Temperatures averaged somewhat below normal; a decided heat wave prevailed from the 11th to the 15th, followed by a prolonged cool period from the 17th to the 27th, inclusive, especially at night. Precipitation was close to the December maximum average, and very poorly distributed. Snow flurries occurred up-State on the 2d and 4th, and sleet occurred in the interior and along the coast on the 4th and 19th.

ERRATA.

November, 1927.—Text, page 41, temperature, minimum at Santuck should be 22.

COMPARATIVE DATA FOR SOUTH CAROLINA.

Year.	Temperature.			Precipitation		Average number of days.			Prevailing wind direction.
	Mean.	Highest.	Lowest.	Average.	Average days with 0.01 inch or more.	Clear.	Partly Cloudy.	Cloudy.	
1887	62.3	110	5	43.43	101	.....	.....	.....	.....
1888	61.8	108	13	54.63	104	.....	.....	.....	sw.
1889	62.0	102	10	46.76	86	.....	.....	.....	se. †
1890	64.4	104	11	42.29	.....	.....	.....	.....	sw.
1891	63.0	.....	13	47.52	.....	.....	.....	.....	.....
1892	62.4	102	6	47.36	.....	.....	.....	.....	.....
1893	63.0	104	3	53.68	98	.....	.....	.....	sw.
1894	63.5	105	− 1	50.49	105	154	123	88	sw.
1895	61.9	105	− 6	48.99	88	154	116	95	sw.
1896	63.9	104	5	44.95	86	163	119	84	sw.
1897	63.3	107	3	46.40	99	158	102	105	sw.
1898	63.2	106	8	49.26	107	143	111	111	sw.
1899	62.8	105	−11	46.76	95	158	104	103	sw.
1900	63.2	106	1	49.79	96	167	99	99	sw.
1901	61.1	102	2	54.98	106	167	102	96	sw.
1902	62.6	107	10	46.43	98	172	99	94	sw.
1903	62.2	105	10	50.87	103	166	95	104	sw.
1904	61.7	105	8	40.98	95	188	87	91	sw. †
1905	62.6	107	0	45.10	92	169	85	111	sw. †
1906	63.3	102	11	54.81	107	159	103	93	sw.
1907	63.3	106	12	47.79	99	157	123	75	sw.
1908	63.7	100	12	53.33	94	169	114	83	sw.
1909	63.4	105	7	44.61	91	178	113	73	sw.
1910	62.7	103	11	45.31	91	181	111	73	sw.
1911	64.9	106	16	39.80	91	161	120	84	sw.
1912	62.5	109	6	54.32	102	177	70	119	sw.
1913	63.8	109	16	47.57	93	181	81	103	sw.
1914	62.5	108	11	43.39	96	163	110	92	w.
1915	62.9	106	17	48.89	93	190	92	83	w.
1916	63.4	103	10	43.91	93	184	97	85	sw.
1917	61.4	102	− 5	43.49	97	192	85	88	sw.
1918	63.2	106	− 2	46.48	94	186	85	94	sw.
1919	64.1	103	8	46.79	88	189	88	88	ne.
1920	61.9	105	6	52.24	93	183	83	100	ne.
1921	64.8	104	17	42.83	90	178	97	90	w.
1922	64.0	101	14	58.17	112	163	91	111	ne.
1923	63.1	104	11	46.60	98	176	85	104	sw.
1924	61.7	105	1	56.99	97	196	71	99	w.
1925	64.2	111	1	35.82	81	195	80	90	s. †
1926	62.7	108	6	42.63	85	189	82	94	sw.
1927	63.9	104	2	42.16	87	177	87	101	sw.
Annual	63.0	111	−11	47.53	96	174	97	94	sw.

† Also other directions.

MONTHLY AND ANNUAL CLIMATOLOGICAL DATA FOR SOUTH CAROLINA, YEAR 1927.

Months.	Temperature.				Precipitation.			Relative humidity.			Percentage of possible sunshine.	Number of days.				Wind.	
	Mean.	Departures.	Highest.	Lowest.	Average.	Departures.	Greatest local monthly amount.	Average—8 a. m.	Average—Noon.	Average—8 p. m.		Rainy.	Clear.	Partly Cloudy.	Cloudy.	Average hourly velocity.	Prevailing direction.
January	45.7	+0.2	81	2	0.98	−2.61	1.63	79	60	66	62	4	17	6	8	8.6	sw.
February	57.6	+10.2	88	20	4.24	−0.07	7.57	83	64	71	58	9	14	5	9	8.1	sw.
March	55.2	+0.4	89	16	3.79	−0.11	6.15	83	64	70	55	8	13	6	12	8.8	sw.
April	63.2	+0.8	95	29	1.58	−1.41	4.60	78	57	66	65	6	14	8	8	8.7	sw.
May	71.4	+0.4	103	36	1.92	−1.61	4.40	74	54	63	72	4	18	9	4	8.7	w.
June	74.9	−2.6	104	48	5.67	+0.86	11.62	83	64	76	52	13	9	8	13	7.0	sw.
July	78.3	−1.4	104	55	6.38	+0.47	13.78	83	61	77	61	13	12	11	8	6.2	w.
August	76.1	−2.8	99	49	4.34	−1.45	8.84	86	63	78	60	9	12	10	9	6.2	sw.
September	75.6	+1.2	101	40	1.63	−2.20	3.83	83	57	70	75	3	18	8	4	6.2	ne.
October	65.8	+2.2	93	32	3.25	+0.28	7.47	80	53	65	74	4	20	6	5	7.8	ne.
November	57.2	+3.6	84	22	1.45	−0.84	5.58	83	61	71	58	5	15	6	9	7.7	ne.
December	46.2	−0.4	83	12	6.93	+3.37	11.38	81	64	70	49	9	15	4	12	8.9	ne.
Annual	63.9	*+0.9	104	2	42.16	*−5.37	13.78	81	60	70	62	87	177	87	101	7.7	sw.

* From 41-year averages.

KILLING FROST OR FREEZING TEMPERATURE DATES AND GROWING DAYS.

Stations.	1927.		Averages—all records.		
	Last in spring.	First in autumn.	Last spring date.	First autumn date.	No. of growing days.
EASTERN PORTION.					
Beaufort (near)	Mch. 5	Dec. 8	Feb. 24	Dec. 1	280
Blackville	Mch. 5	Nov. 20	Mch. 20	Nov. 12	237
Charleston	Mch. 3	Dec. 9	Feb. 20	Dec. 10	293
Cheraw	Apr. 11	Nov. 7	Mch. 29	Nov. 3	219
Conway	Mch. 5	Nov. 7	Mch. 23	Nov. 8	230
Darlington	Mch. 5	.....	Mch. 31	Nov. 2	216
Ferguson	Mch. 5	Nov. 7	Mch. 28	Nov. 7	224
Florence No. 1	Mch. 5	Nov. 7	Mch. 23	Nov. 11	233
Garnett	Mch. 5	Nov. 20	.....	.....	.....
Georgetown	Mch. 5	.....	Mch. 10	Nov. 18	253
Kingstree	Mch. 5	Nov. 7	Mch. 16	Nov. 15	244
Orangeburg	Mch. 5	Nov. 21	Mch. 20	Nov. 12	237
Pinopolis	Mch. 5	.....	Mch. 6	Nov. 26	265
Society Hill	Mch. 5	Nov. 7	Mch. 22	Nov. 8	231
Summerville	Mch. 25	Nov. 20	Mch. 15	Nov. 14	244
Wedgefield	Mch. 5	Nov. 7	Mch. 22	Nov. 19	242
Yemassee	Mch. 5	Nov. 20	Mch. 13	Nov. 12	244
Normal	.....	.....	Mch. 17	Nov. 13	241
Averages for 1927	Mch. 8	Nov. 16	.....	.....	253
WESTERN PORTION.					
Aiken	Mch. 25	Nov. 20	Mch. 16	Nov. 18	247
Anderson	Mch. 4	Nov. 19	Mch. 27	Nov. 5	223
Caesar's Head	Apr. 24	Nov. 7	.....	.....	.....
Calhoun Falls	Mch. 25	Nov. 19	.....	.....	.....
Camden	Mch. 5	Nov. 18	Mch. 11	Nov. 11	245
Clemson College	Mch. 25	Nov. 7	Apr. 2	Nov. 3	215
Columbia	Mch. 4	Nov. 21	Mch. 18	Nov. 18	245
Due West	Mch. 25	Nov. 19	Mch. 21	Nov. 10	234
Greenville	Mch. 25	Nov. 19	Apr. 3	Nov. 2	213
Greenwood	Mch. 25	Nov. 7	Mch. 25	Nov. 8	228
Heath Springs	Mch. 25	Nov. 7	Mch. 29	Nov. 4	220
Hogback Mountain	Apr. 23	.....	.....	.....	.....
Kershaw	Mch. 24	Nov. 7	Mch. 29	Nov. 8	224
Landrum	Apr. 23	Nov. 7	Apr. 9	Oct. 27	201
Laurens	Mch. 25	Nov. 7	.....	.....	.....
Little Mountain	Mch. 25	Nov. 7	Mch. 25	Nov. 11	231
Newberry	Apr. 24	Nov. 7	Mch. 30	Nov. 4	219
Saluda	Mch. 25	Nov. 6	Apr. 5	Oct. 26	204
Santuck	Apr. 24	Nov. 7	Apr. 3	Oct. 31	211
Spartanburg	Mch. 25	Nov. 7	Mch. 30	Nov. 1	216
Trenton	Mch. 4	Nov. 20	Mch. 21	Nov. 14	238
Walhalla	Apr. 23	Oct. 18	Apr. 8	Oct. 29	204
Winnsboro	Mch. 4	Nov. 7	Mch. 27	Nov. 12	230
Winthrop College	Mch. 25	Nov. 7	Mch. 29	Nov. 5	221
Normal	.....	.....	Mch. 27	Nov. 7	225
Averages for 1927	Mch. 28	Nov. 10	.....	.....	227
Section Normal	.....	.....	Mch. 23	Nov. 10	232
Section averages for 1927	Mch. 20	Nov. 13	.....	.....	238

NOTE.—Killing frost data in above table determined according to the following standard: Last or first clear or partly cloudy day with temperature of 32° or lower and last or first cloudy day with 31° or lower, but without rain, sleet or snow; in case of precipitation, then the next preceding or succeeding day with proper temperature and weather was used. The average number of growing days is the difference between the average spring and autumn killing frost dates.

MAP SHOWING LOCATION OF OBSERVATION STATIONS.

KEY TO SYMBOLS.

⊙ Meteorological observations. (Regular Weather Bureau Stations, including Greenville.)

○ Meteorological observations. (Sub stations.)

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